

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121919\
 Data File : BP001330.D
 Acq On : 19 Dec 2019 18:19
 Operator : JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 02:42:18 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 02:37:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	47662	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	163434	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	95776	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	187059	20.00	ng	0.00
76) Chrysene-d12	19.25	240	156262	20.00	ng	0.00
87) Perylene-d12	21.02	264	166402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.20	112	341565	118.90	ng	0.00
7) Phenol-d6	7.76	99	442928	115.73	ng	0.00
23) Nitrobenzene-d5	9.19	82	490991	130.34	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	138457	150.82	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	861111	131.59	ng	0.00
79) Terphenyl-d14	17.89	244	1063423	125.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	69222	51.587	ng	97
3) Pyridine	3.36	79	193959	52.090	ng	99
4) n-Nitrosodimethylamine	3.29	42	121984	75.707	ng	100
6) Aniline	7.78	93	280393	55.256	ng	90
8) 2-Chlorophenol	7.96	128	171374	57.657	ng	96
9) Benzaldehyde	7.60	77	142973	57.475	ng	99
10) Phenol	7.78	94	255303	58.644	ng	92
11) bis(2-Chloroethyl)ether	7.91	93	177767	52.438	ng	98
12) 1,3-Dichlorobenzene	8.21	146	210130	59.646	ng	100
13) 1,4-Dichlorobenzene	8.33	146	215763	60.797	ng	95
14) 1,2-Dichlorobenzene	8.57	146	205630	61.566	ng	98
15) Benzyl Alcohol	8.54	79	211718	67.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.77	45	280124	51.397	ng	99
17) 2-Methylphenol	8.73	107	149981	55.009	ng	99
18) Hexachloroethane	9.11	117	92287	62.861	ng	96
19) n-Nitroso-di-n-propylamine	8.98	70	157602	57.067	ng	97
20) 3+4-Methylphenols	8.98	107	200599	58.366	ng	98
22) Acetophenone	8.96	105	298558	62.154	ng	97
24) Nitrobenzene	9.22	77	240978	64.332	ng	99
25) Isophorone	9.62	82	391928	58.021	ng	99
26) 2-Nitrophenol	9.73	139	87771	63.971	ng	98
27) 2,4-Dimethylphenol	9.82	122	126668	58.283	ng	99
28) bis(2-Chloroethoxy)methane	9.98	93	235857	55.650	ng	99
29) 2,4-Dichlorophenol	10.12	162	157773	63.784	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	191399	66.249	ng	98
31) Naphthalene	10.38	128	512640	61.416	ng	99
32) Benzoic acid	10.02	122	89519	56.975	ng	98
33) 4-Chloroaniline	10.47	127	211179	58.301	ng	99
34) Hexachlorobutadiene	10.59	225	135143	74.359	ng	99
35) Caprolactam	11.06	113	47005	55.138	ng	94
36) 4-Chloro-3-methylphenol	11.29	107	184253	62.827	ng	96
37) 2-Methylnaphthalene	11.50	142	354989	62.327	ng	99
38) 1-Methylnaphthalene	11.66	142	333710	62.024	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.78	216	202125	66.966	ng	100

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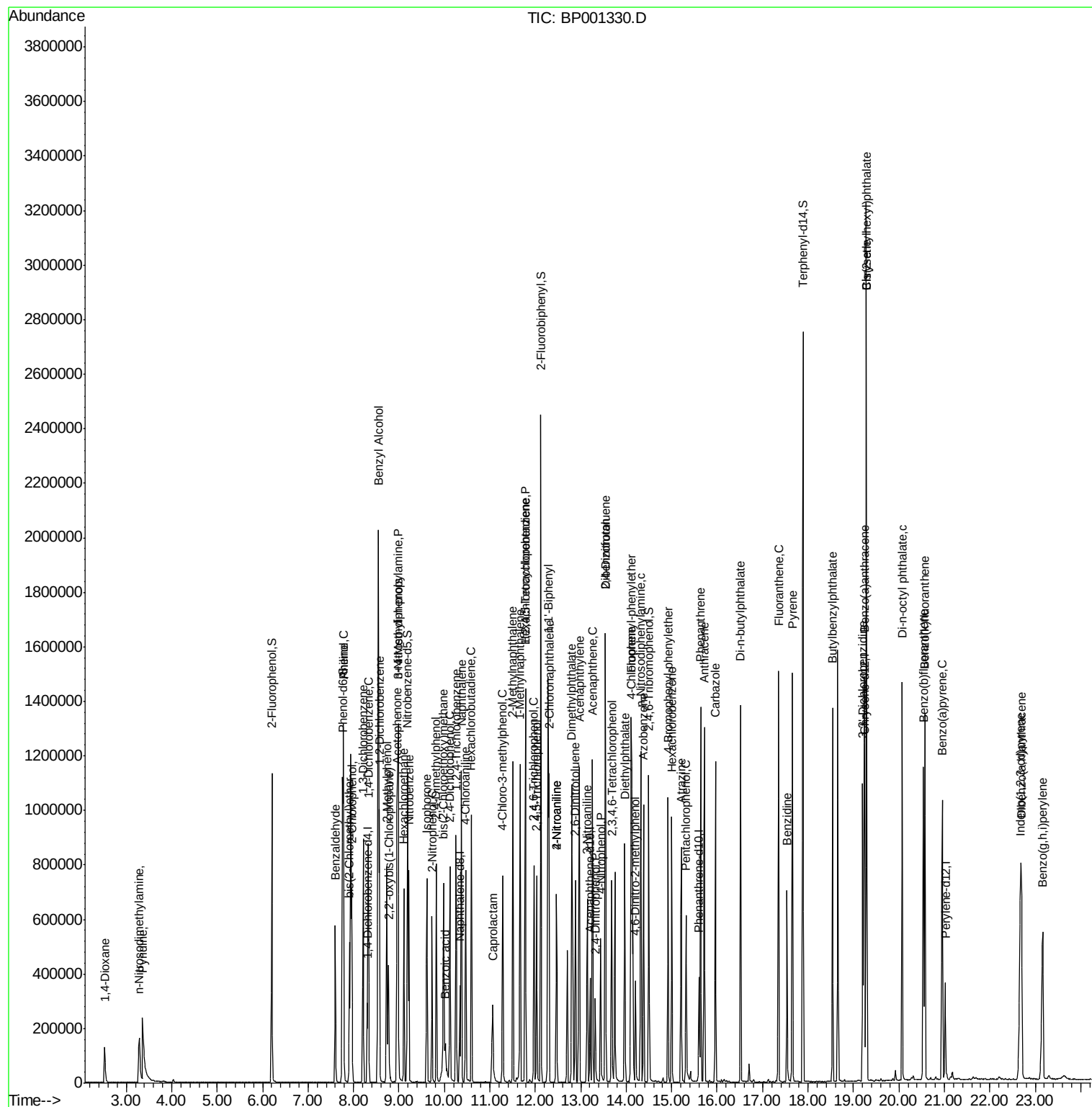
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.78	237	105763	75.955	ng	100
43) 2,4,6-Trichlorophenol	11.98	196	124981	63.417	ng	98
44) 2,4,5-Trichlorophenol	12.03	196	126934	62.163	ng	98
46) 1,1'-Biphenyl	12.28	154	457992	61.875	ng	100
47) 2-Chloronaphthalene	12.30	162	367882	62.221	ng	99
48) 2-Nitroaniline	12.47	65	147881	63.818	ng	99
49) Acenaphthylene	12.97	152	540710	61.011	ng	100
50) Dimethylphthalate	12.80	163	446340	62.311	ng	99
51) 2,6-Dinitrotoluene	12.88	165	92181	60.116	ng	99
52) Acenaphthene	13.26	154	325891	61.130	ng	99
53) 3-Nitroaniline	13.15	138	98999	57.474	ng	100
54) 2,4-Dinitrophenol	13.32	184	41346	76.892	ng	97
55) Dibenzofuran	13.55	168	508293	63.449	ng	98
56) 4-Nitrophenol	13.44	139	70839	58.038	ng	99
57) 2,4-Dinitrotoluene	13.54	165	128654	66.937	ng	98
58) Fluorene	14.10	166	409015	63.717	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.68	232	106121	63.223	ng	96
60) Diethylphthalate	13.97	149	460951	62.148	ng	99
61) 4-Chlorophenyl-phenylether	14.12	204	212961	65.150	ng	98
62) 4-Nitroaniline	12.47	138	114237	57.203	ng	98
63) Azobenzene	14.39	77	488340	60.912	ng	99
65) 4,6-Dinitro-2-methylphenol	14.20	198	50822	68.035	ng	97
66) n-Nitrosodiphenylamine	14.32	169	341104	60.015	ng	99
67) 4-Bromophenyl-phenylether	14.92	248	128584	63.316	ng	98
68) Hexachlorobenzene	15.00	284	144992	64.941	ng	98
69) Atrazine	15.21	200	122354	70.505	ng	99
70) Pentachlorophenol	15.32	266	78704	67.635	ng	95
71) Phenanthrene	15.64	178	615482	62.585	ng	99
72) Anthracene	15.72	178	608641	62.791	ng	99
73) Carbazole	15.96	167	548892	62.230	ng	99
74) Di-n-butylphthalate	16.52	149	752682	63.468	ng	99
75) Fluoranthene	17.35	202	689138	66.192	ng	100
77) Benzidine	17.54	184	275638	68.319	ng	# 95
78) Pyrene	17.66	202	705948	57.359	ng	100
80) Butylbenzylphthalate	18.54	149	328699	57.822	ng	94
81) Benzo(a)anthracene	19.24	228	660122	60.929	ng	99
82) 3,3'-Dichlorobenzidine	19.20	252	229052	63.995	ng	97
83) Chrysene	19.29	228	640955	66.066	ng	99
84) Bis(2-ethylhexyl)phthalate	19.29	149	483301	61.837	ng	100
85) Di-n-octyl phthalate	20.07	149	809292	58.290	ng	100
86) Indeno(1,2,3-cd)pyrene	22.67	276	685611	59.964	ng	100
88) Benzo(b)fluoranthene	20.54	252	646640	63.622	ng	99
89) Benzo(k)fluoranthene	20.57	252	596113	60.895	ng	98
90) Benzo(a)pyrene	20.96	252	575913	61.517	ng	99
91) Dibenzo(a,h)anthracene	22.70	278	561497	61.288	ng	98
92) Benzo(g,h,i)perylene	23.16	276	536803	59.337	ng	98

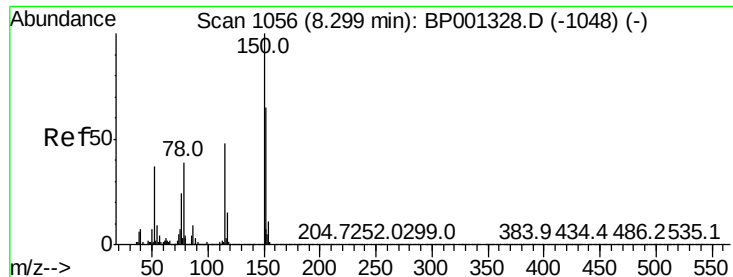
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

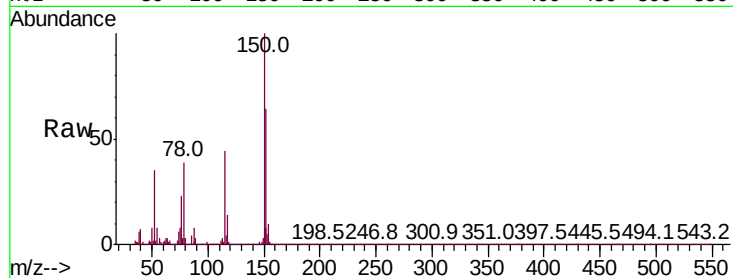
Tot Ion:152 Resp: 47662

Ion Ratio Lower Upper

152 100

150 155.3 124.0 186.0

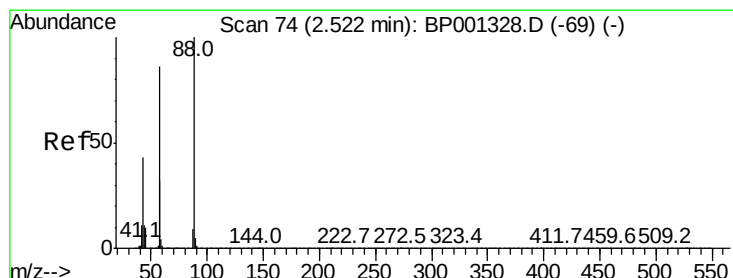
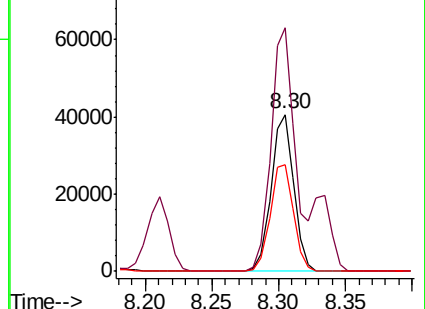
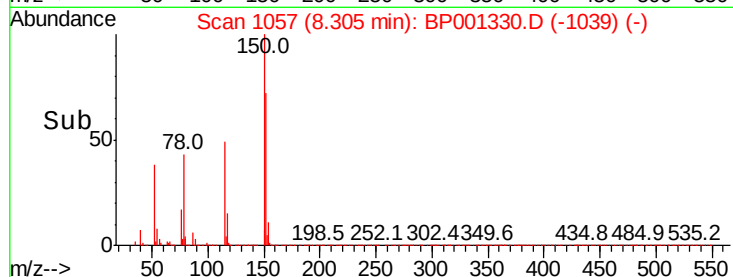
115 68.2 59.3 88.9



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: 51.587 ng

RT: 2.52 min Scan# 74

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

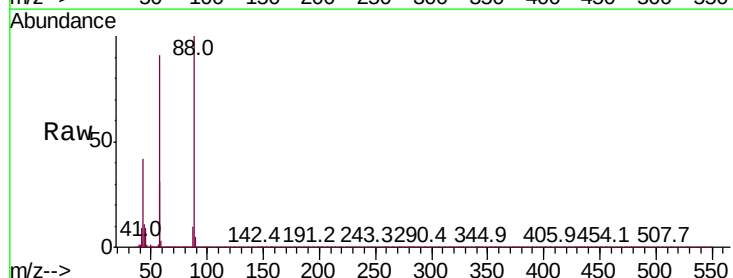
Tgt Ion: 88 Resp: 69222

Ion Ratio Lower Upper

88 100

58 84.0 69.6 104.4

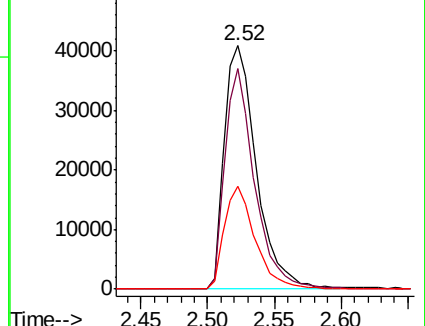
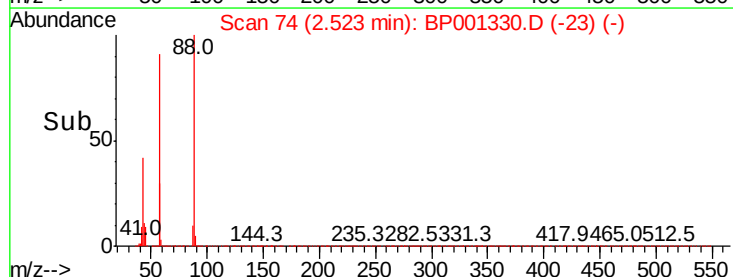
43 40.8 33.7 50.5

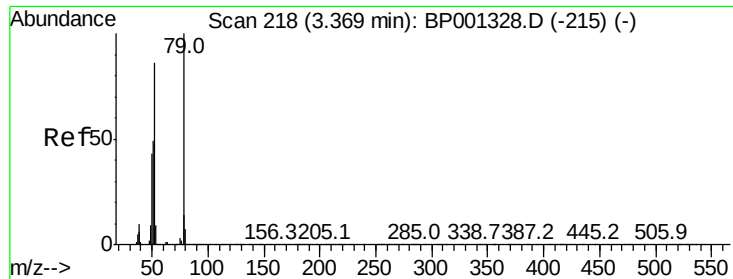


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 52.090 ng

RT: 3.36 min Scan# 216

Delta R.T. -0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

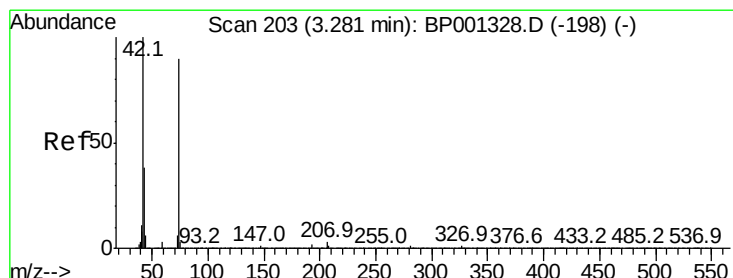
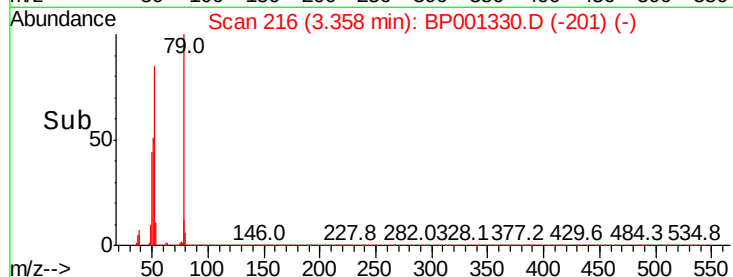
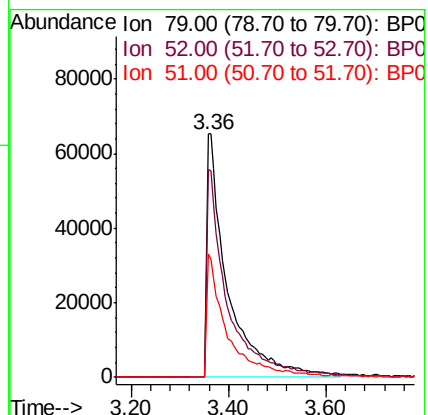
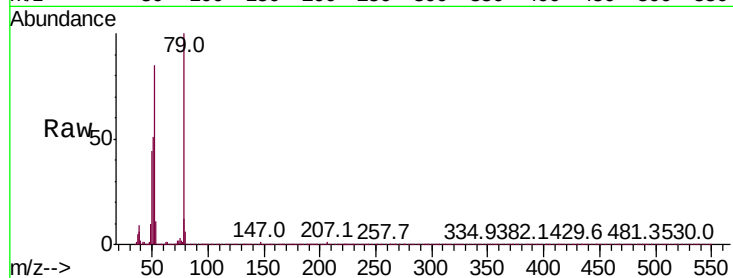
Tot Ion: 79 Resp: 193959

Ion	Ratio	Lower	Upper
79	100		
52	85.2	68.5	102.7
51	50.5	39.5	59.3

79 100

52 85.2 68.5 102.7

51 50.5 39.5 59.3



#4

n-Nitrosodimethylamine

Concen: 75.707 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

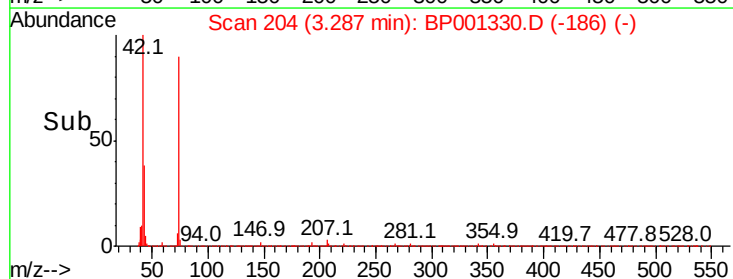
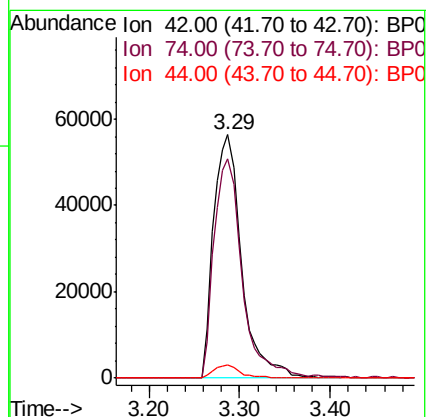
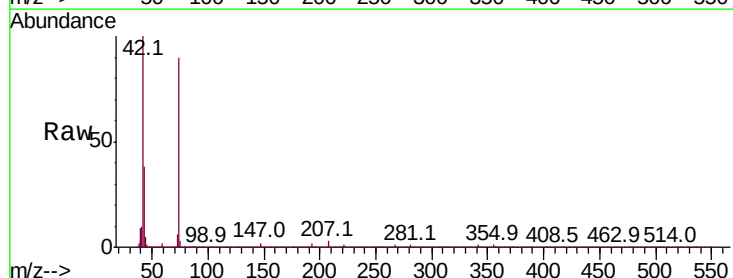
Tgt Ion: 42 Resp: 121984

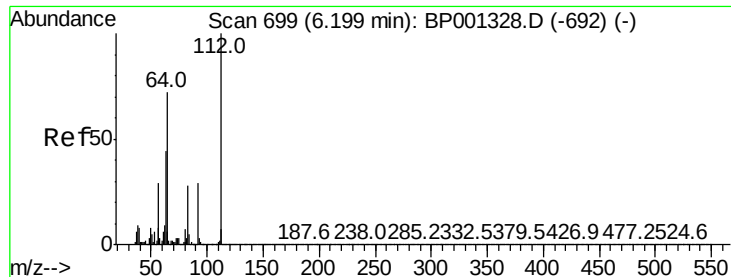
Ion	Ratio	Lower	Upper
42	100		
74	90.1	72.2	108.4
44	5.4	4.5	6.7

42 100

74 90.1 72.2 108.4

44 5.4 4.5 6.7





#5

2-Fluorophenol

Concen: 118.896 ng

RT: 6.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

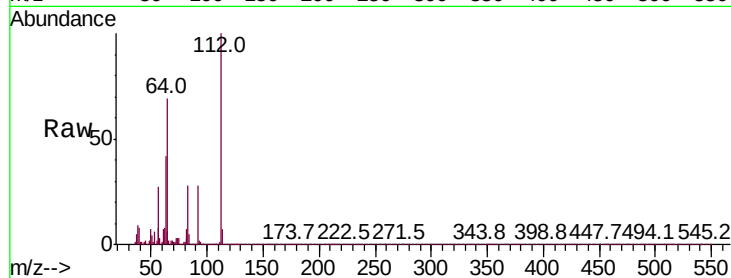
Tot Ion:112 Resp: 341565

Ion Ratio Lower Upper

112 100

64 68.8 57.6 86.4

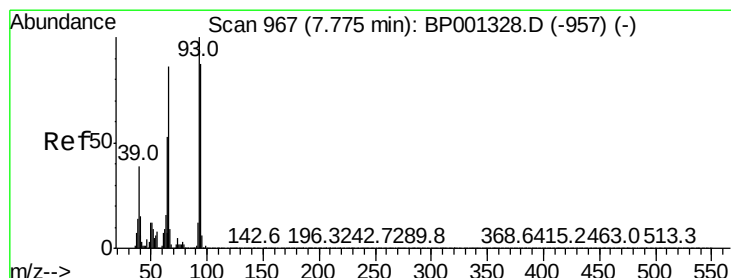
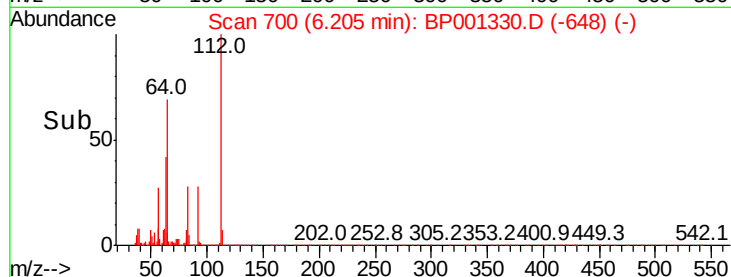
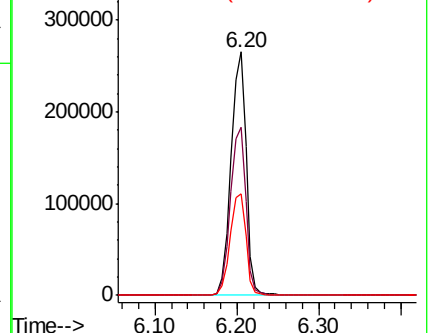
63 41.5 35.1 52.7



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: 55.256 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

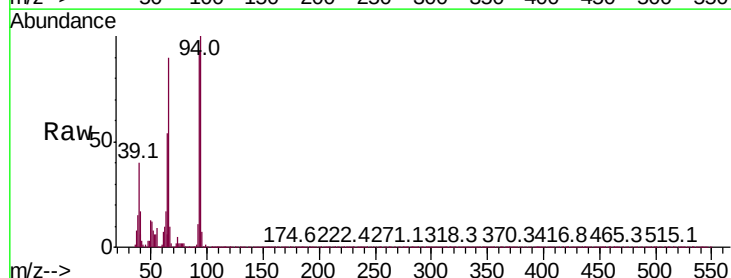
Tgt Ion: 93 Resp: 280393

Ion Ratio Lower Upper

93 100

66 96.6 69.0 103.6

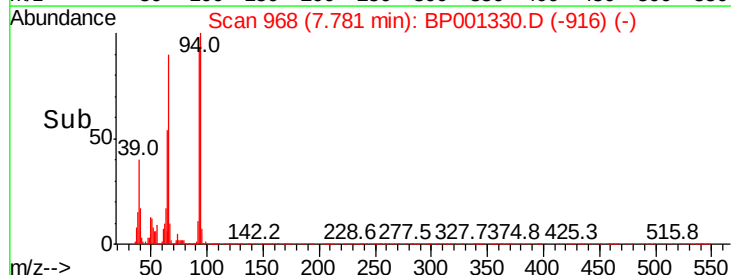
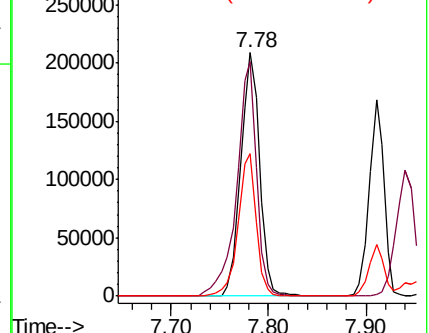
65 58.4 42.2 63.4

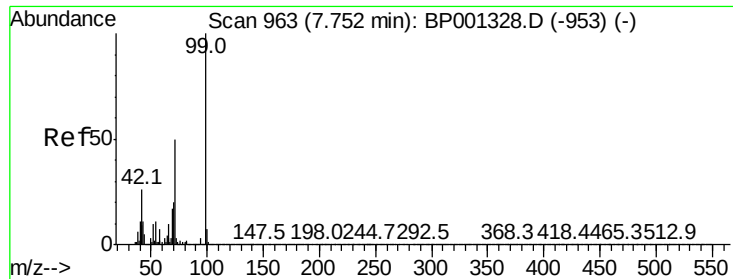


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 115.729 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampled :

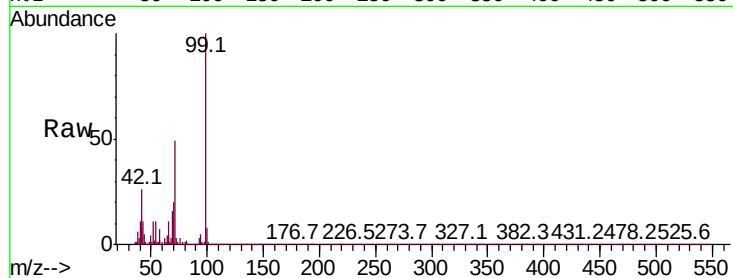
Tot Ion: 99 Resp: 442928

Ion Ratio Lower Upper

99 100

42 26.0 20.9 31.3

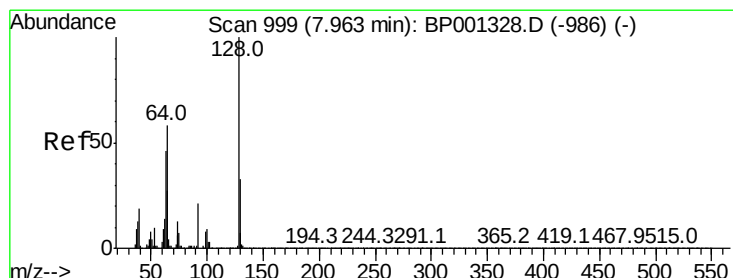
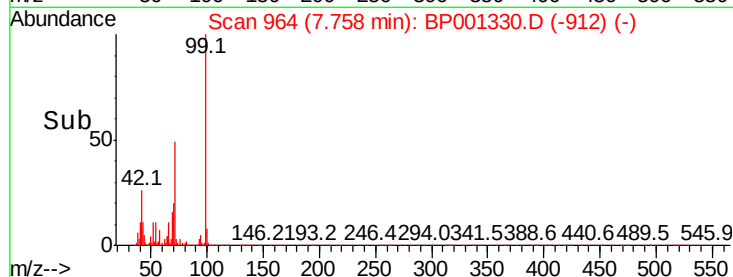
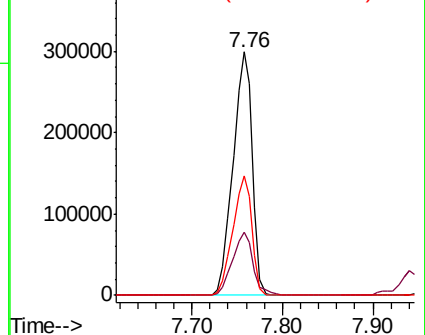
71 49.0 40.0 60.0



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



#8

2-Chlorophenol

Concen: 57.657 ng

RT: 7.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

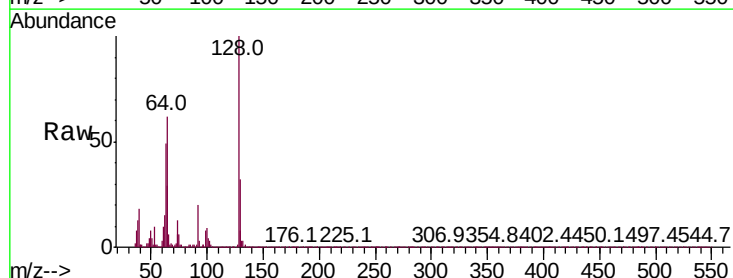
Tgt Ion: 128 Resp: 171374

Ion Ratio Lower Upper

128 100

130 31.7 13.5 53.5

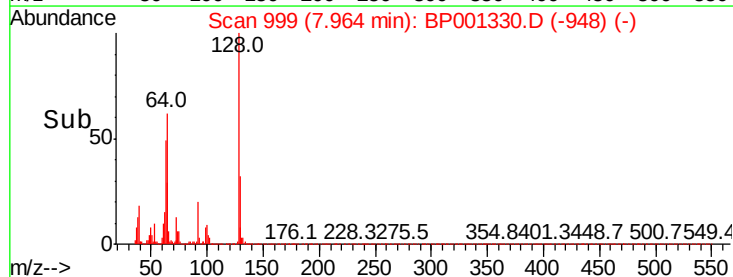
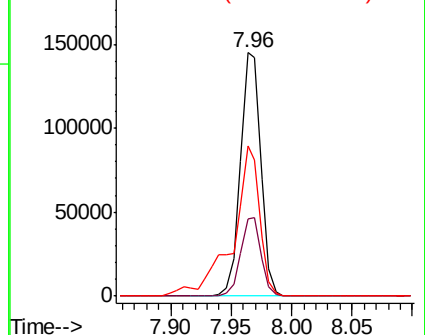
64 61.8 38.2 78.2

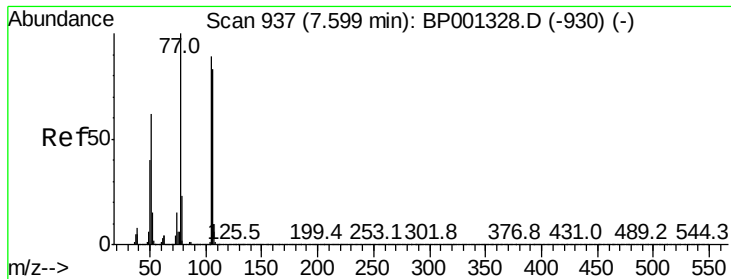


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 57.475 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

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ClientSampleId :

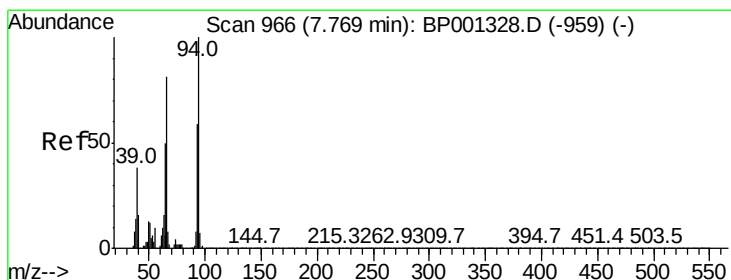
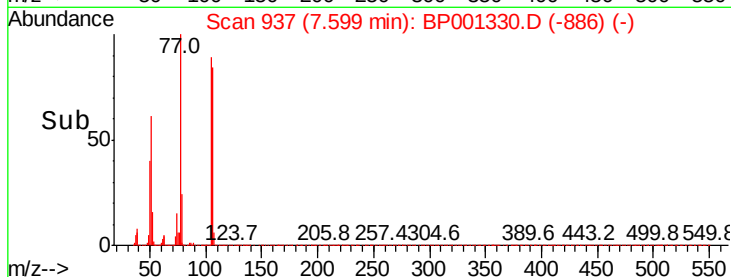
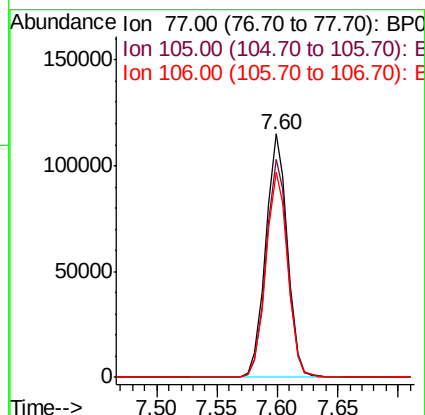
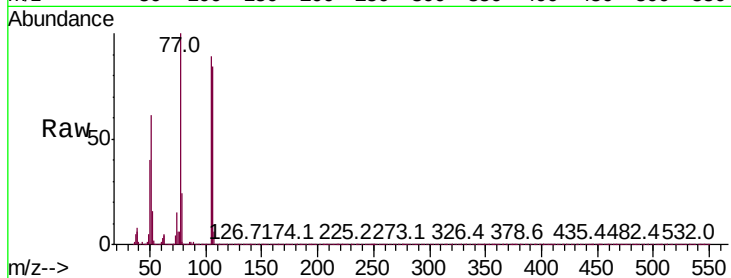
Tot Ion: 77 Resp: 142973

Ion Ratio Lower Upper

77 100

105 89.4 68.6 108.6

106 84.4 62.5 102.5



#10

Phenol

Concen: 58.644 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

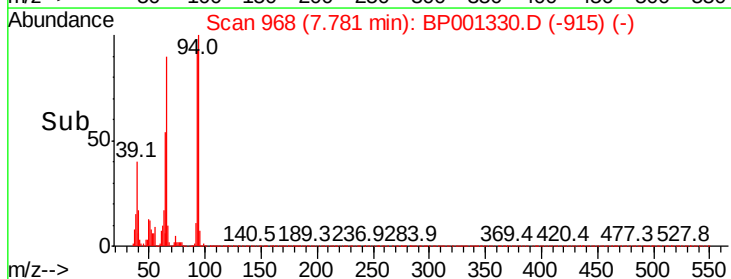
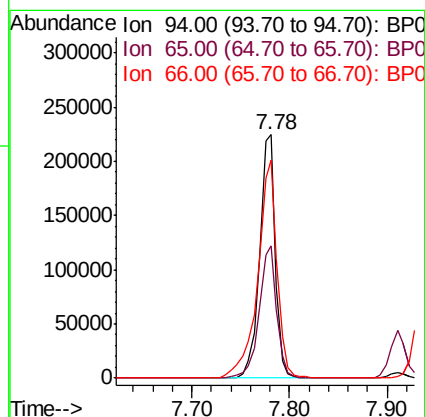
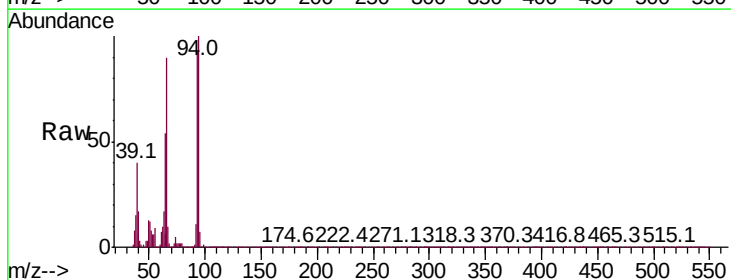
Tgt Ion: 94 Resp: 255303

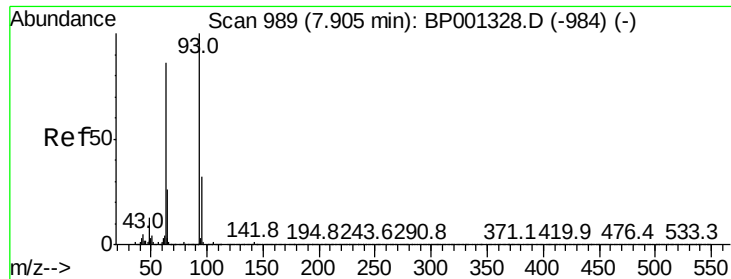
Ion Ratio Lower Upper

94 100

65 54.2 30.4 70.4

66 89.8 62.0 102.0

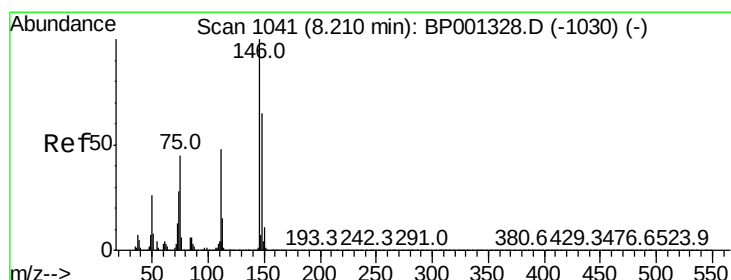
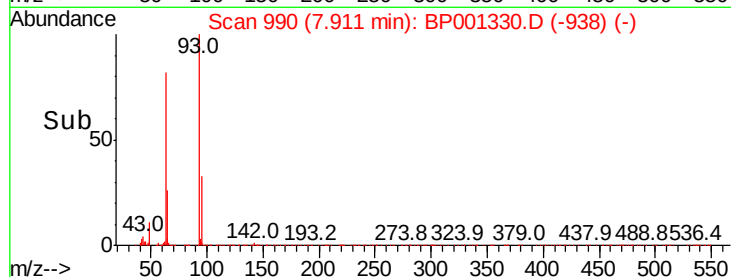
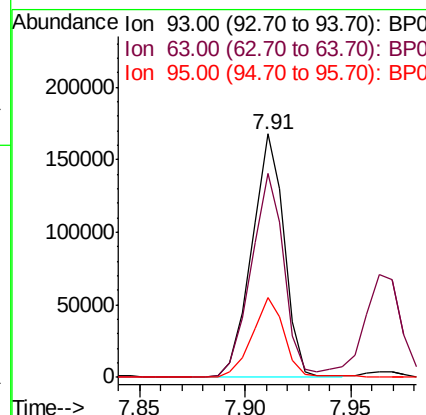
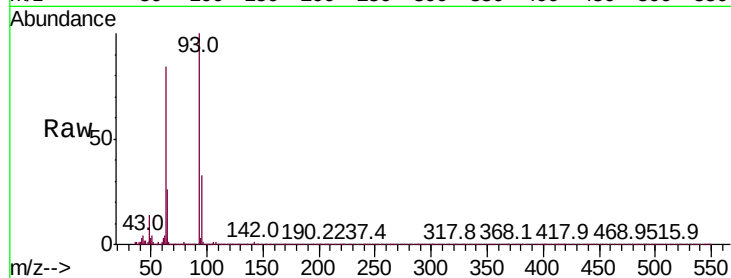




#11
bis(2-Chloroethyl)ether
Concen: 52.438 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

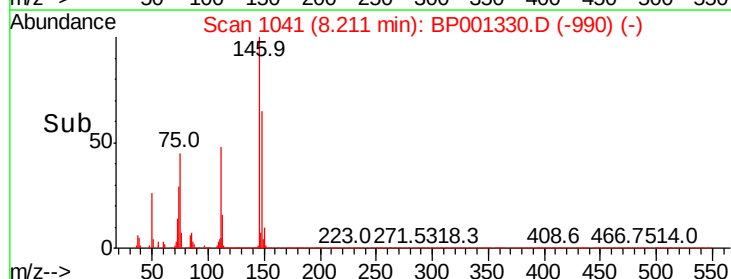
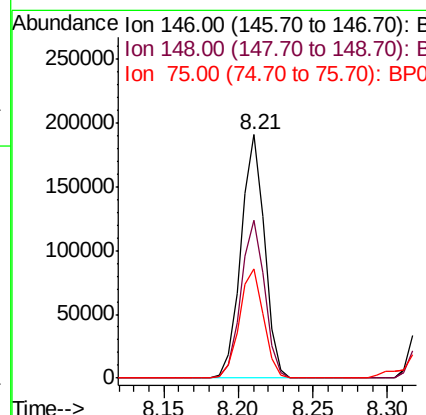
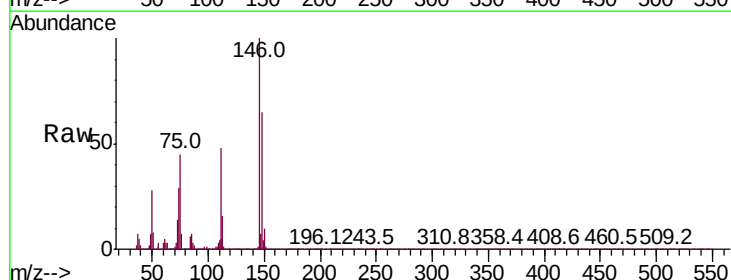
Instrument :
BNA_P
ClientSampleId :

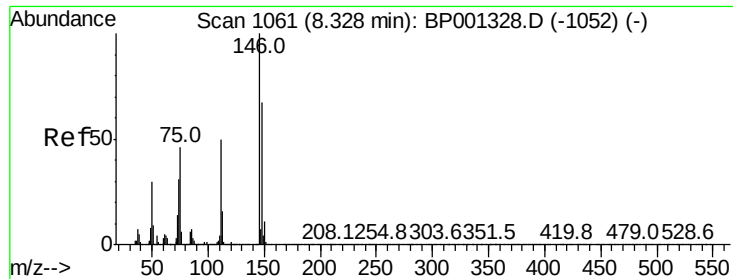
Tot Ion	Ratio	Lower	Upper
93	100		
63	84.0	66.2	106.2
95	33.0	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 59.646 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.9	77.9
75	44.7	36.2	54.4





#13

1,4-Dichlorobenzene

Concen: 60.797 ng

RT: 8.33 min Scan# 1061

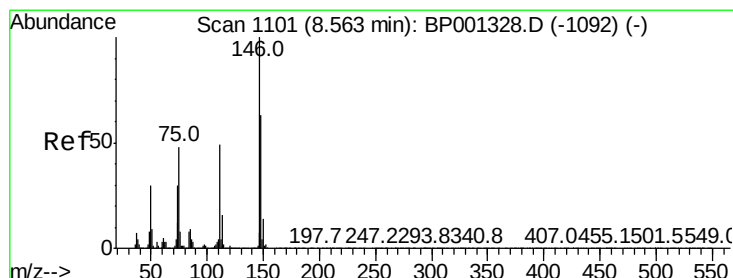
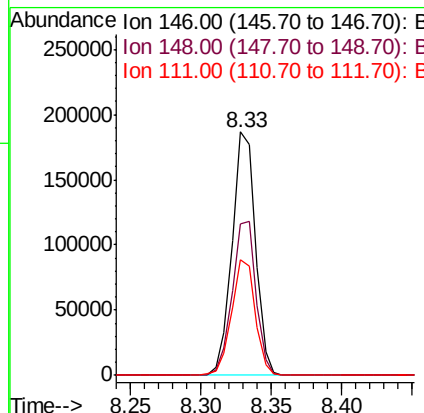
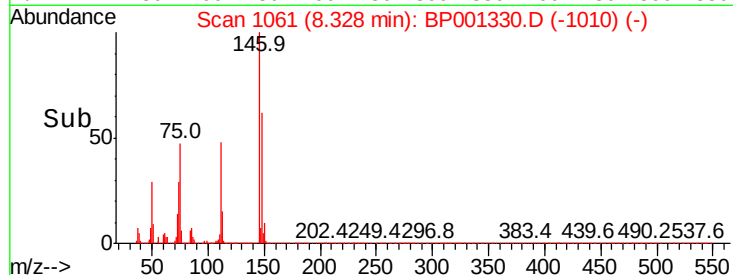
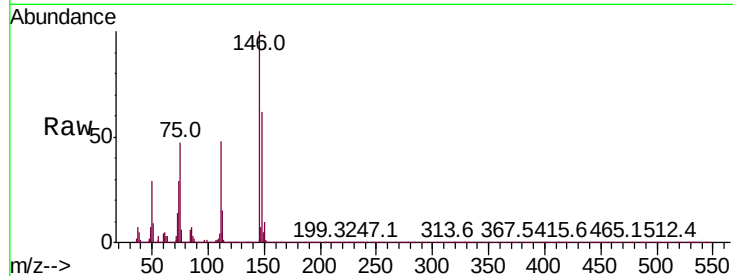
Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.3	79.9
111	47.5	40.2	60.4



#14

1,2-Dichlorobenzene

Concen: 61.566 ng

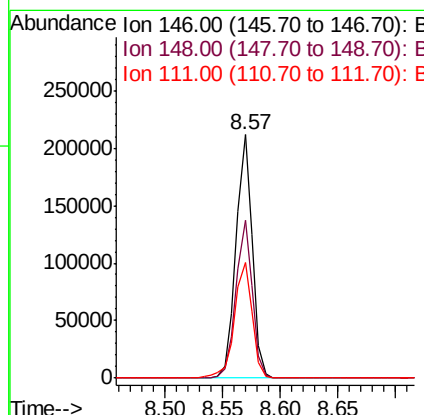
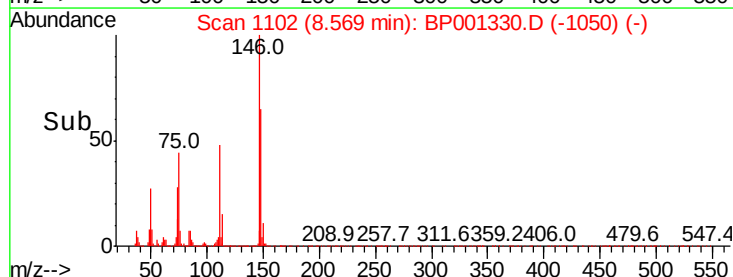
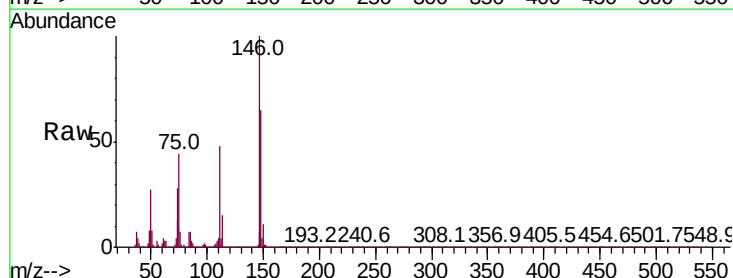
RT: 8.57 min Scan# 1102

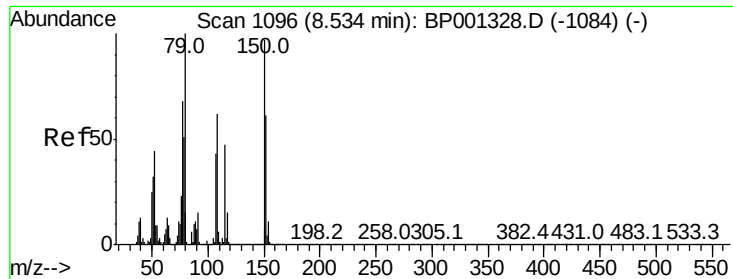
Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.8	76.2
111	47.7	39.4	59.2

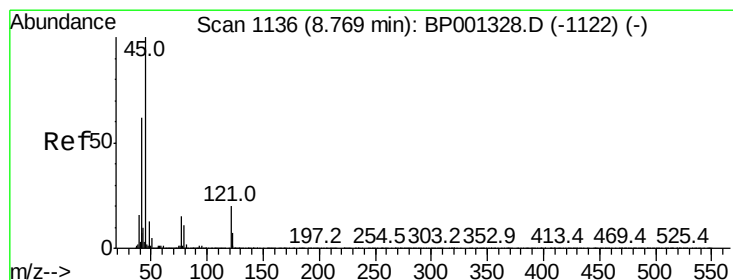
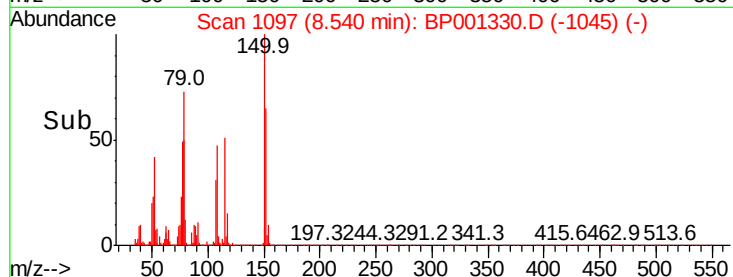
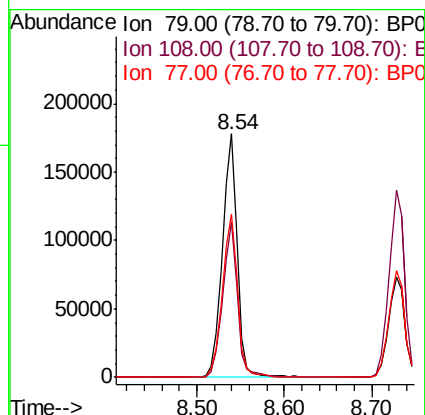
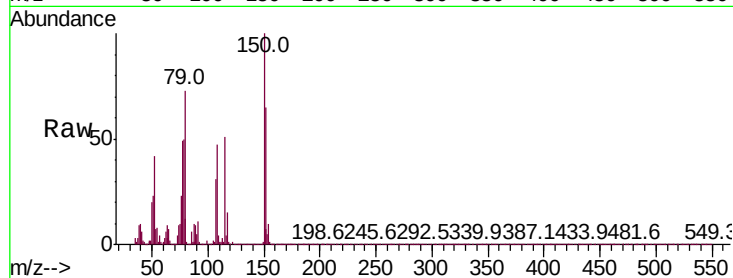




#15
Benzyl Alcohol
Concen: 67.389 ng
RT: 8.54 min Scan# 1097
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

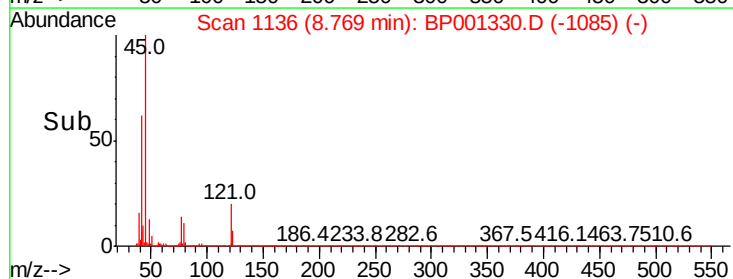
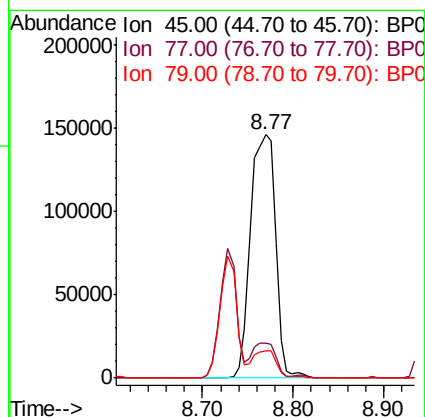
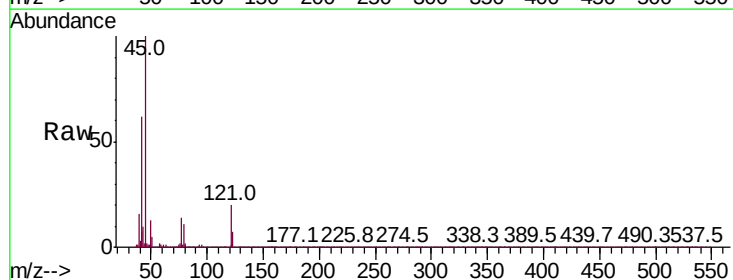
Instrument :
BNA_P
ClientSampled :

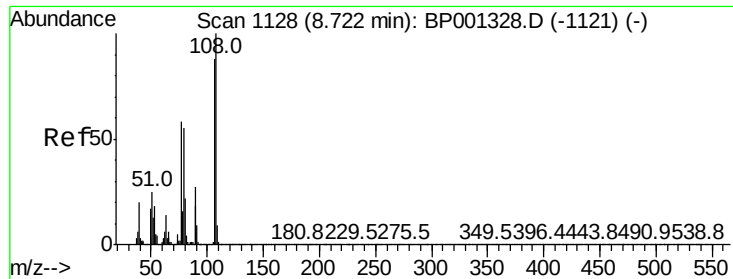
Tot Ion: 79 Resp: 211718
Ion Ratio Lower Upper
79 100
108 63.8 49.3 73.9
77 67.0 54.4 81.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.397 ng
RT: 8.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion: 45 Resp: 280124
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.8
79 11.2 0.0 31.2





#17

2-Methylphenol

Concen: 55.009 ng

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

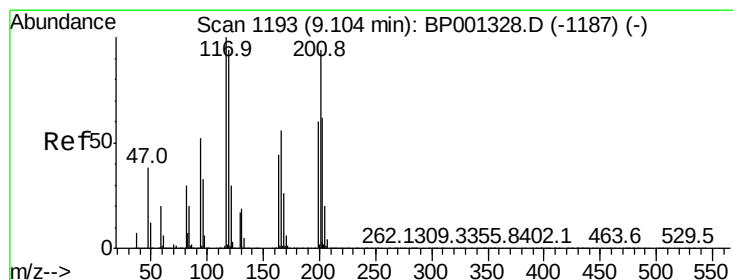
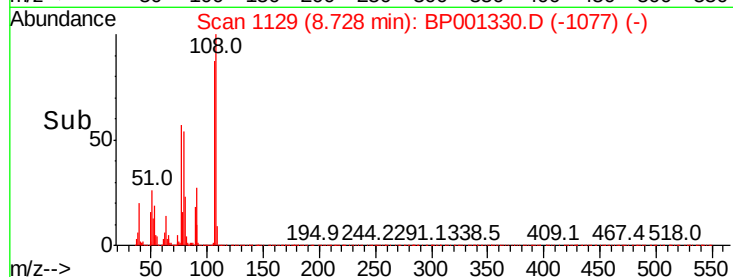
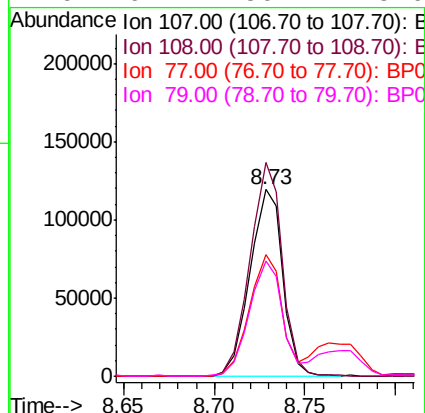
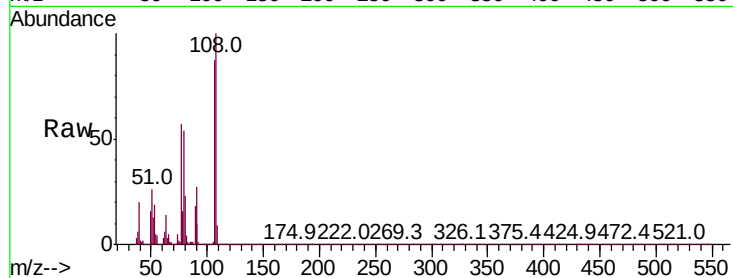
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:107 Resp: 149981

Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.7	136.1
77	65.4	52.7	79.1
79	61.4	50.4	75.6



#18

Hexachloroethane

Concen: 62.861 ng

RT: 9.11 min Scan# 1194

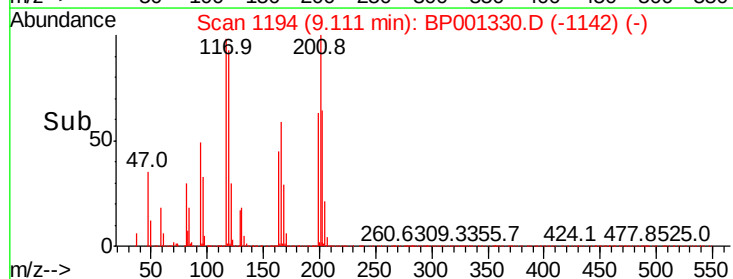
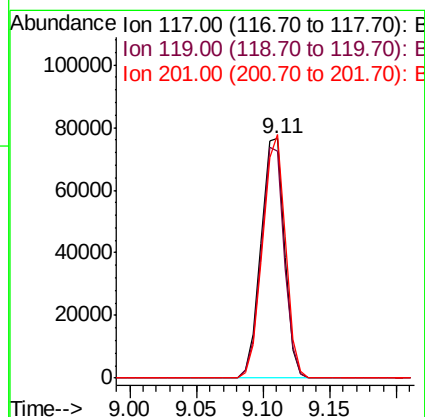
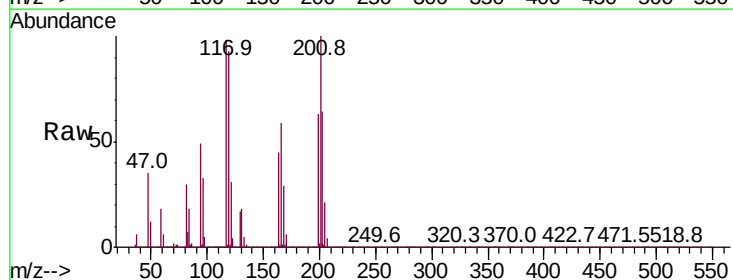
Delta R.T. 0.01 min

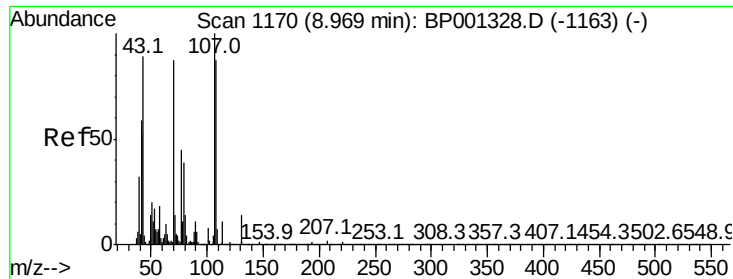
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:117 Resp: 92287

Ion	Ratio	Lower	Upper
117	100		
119	94.8	75.0	112.4
201	101.6	75.6	113.4

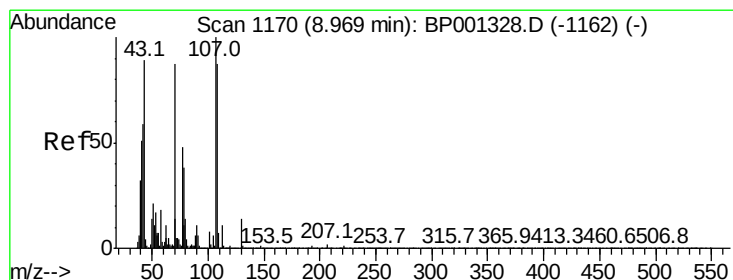
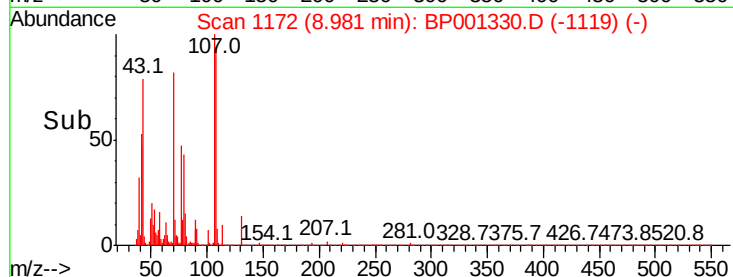
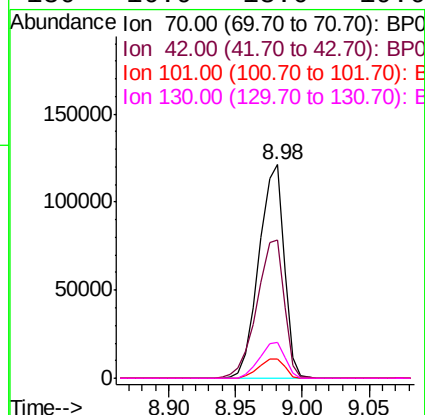
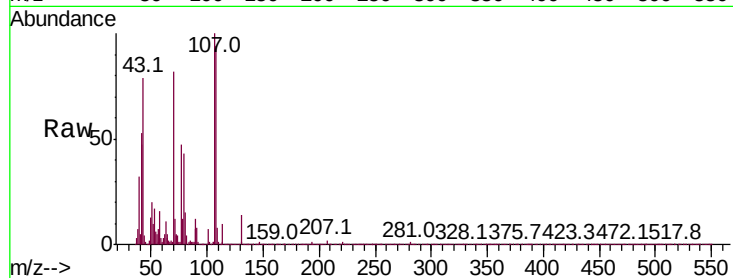




#19
n-Nitroso-di-n-propylamine
Concen: 57.067 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

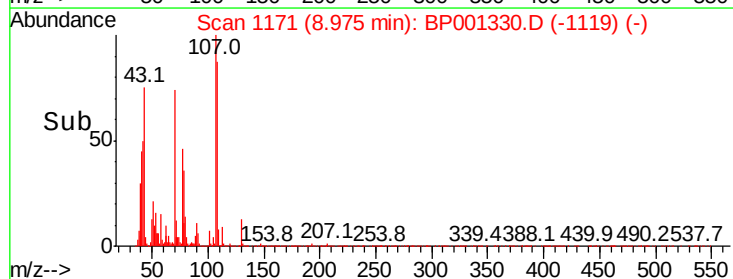
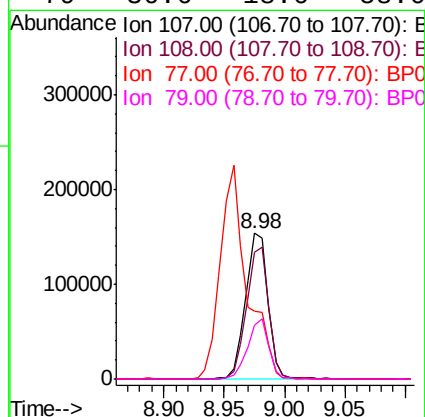
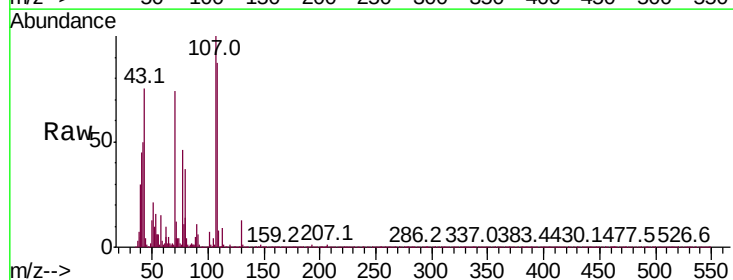
Instrument :
BNA_P
ClientSampleId :

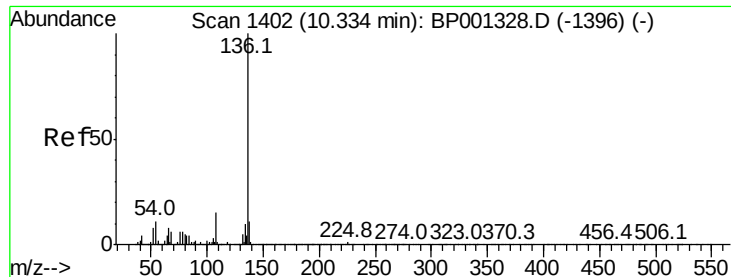
Tot Ion:	70	Resp:	157602
Ion	Ratio	Lower	Upper
70	100		
42	64.8	54.1	81.1
101	9.2	7.0	10.4
130	16.9	13.0	19.6



#20
3+4-Methylphenols
Concen: 58.366 ng
RT: 8.98 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:	107	Resp:	200599
Ion	Ratio	Lower	Upper
107	100		
108	86.9	67.2	107.2
77	46.5	28.0	68.0
79	36.6	18.6	58.6

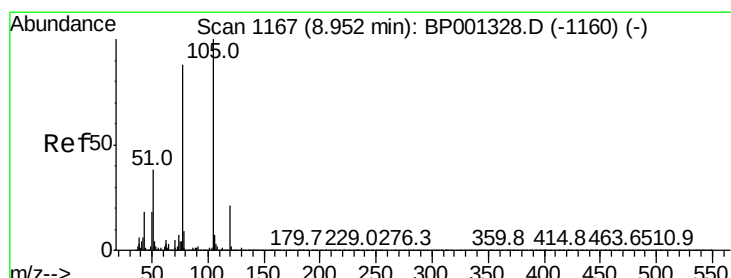
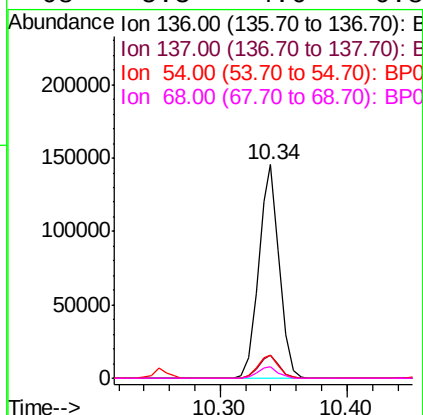
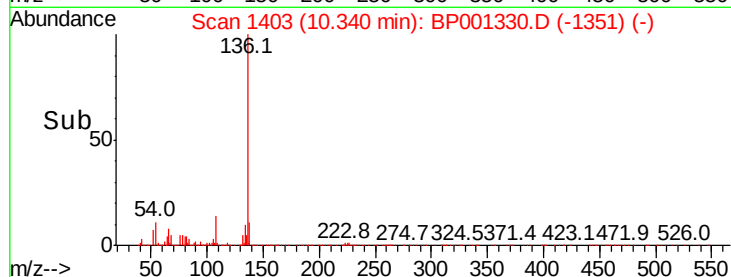
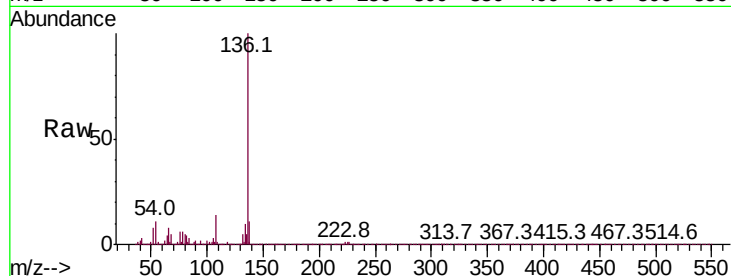




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

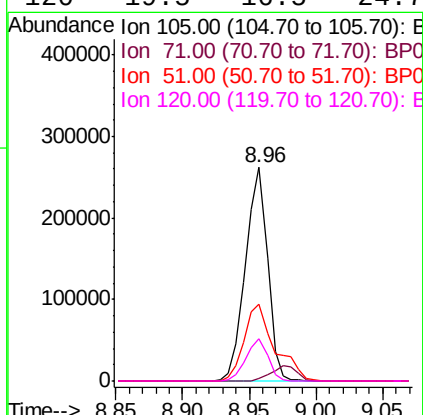
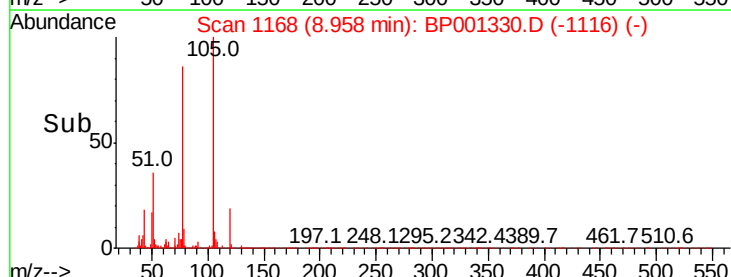
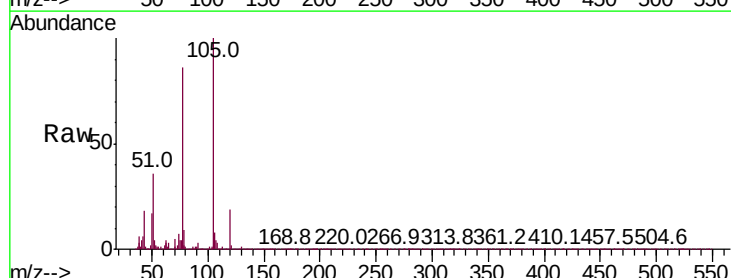
Instrument :
BNA_P
ClientSampleId :

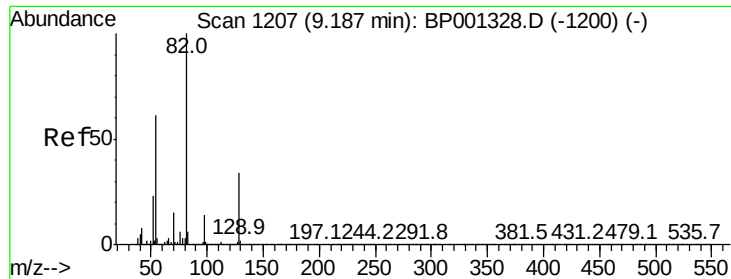
Tot Ion:136	Resp:	163434	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	8.8	13.2	
54 10.8	8.8	13.2	
68 5.3	4.6	6.8	



#22
Acetophenone
Concen: 62.154 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt	Ion:105	Resp:	298558
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.8	1.2
51	35.8	30.6	45.8
120	19.5	16.5	24.7

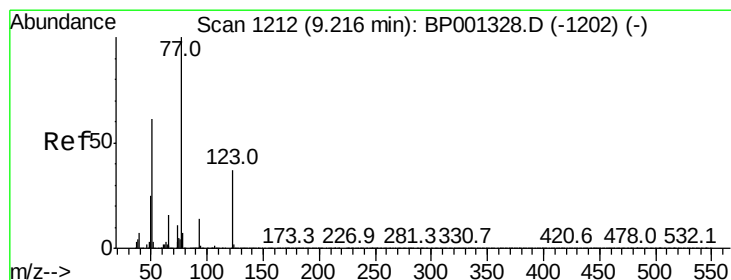
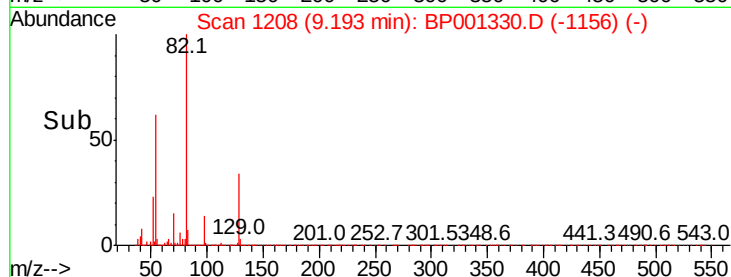
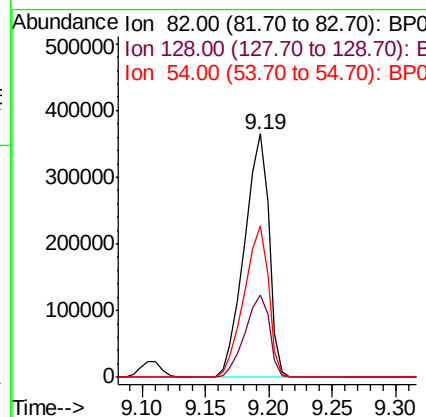
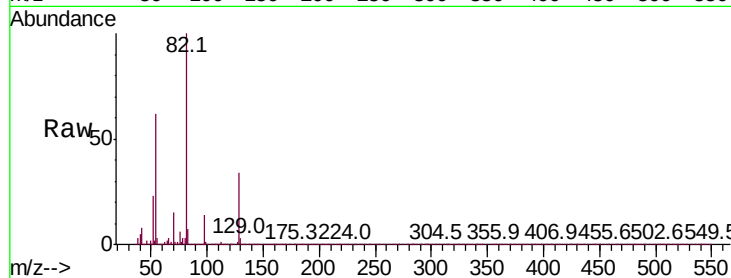




#23
 Nitrobenzene-d5
 Concen: 130.340 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

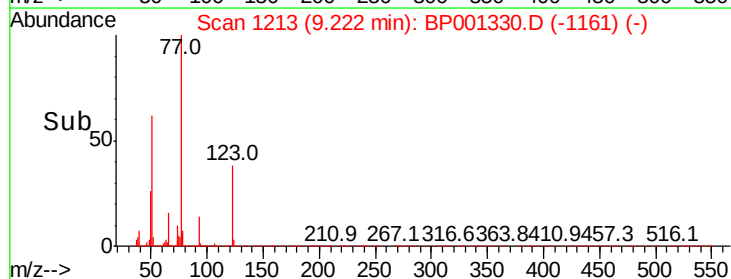
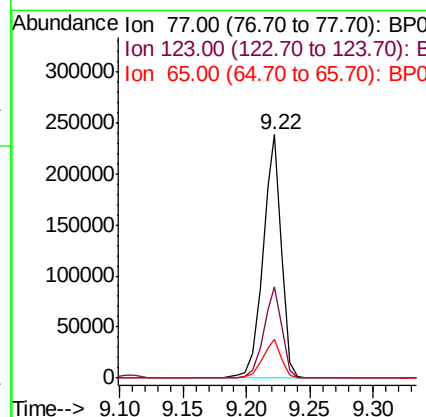
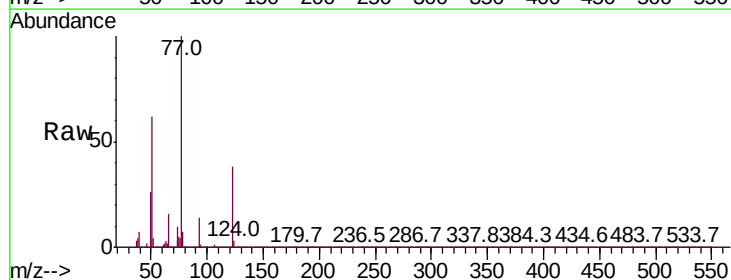
Instrument :
 BNA_P
 ClientSampled :

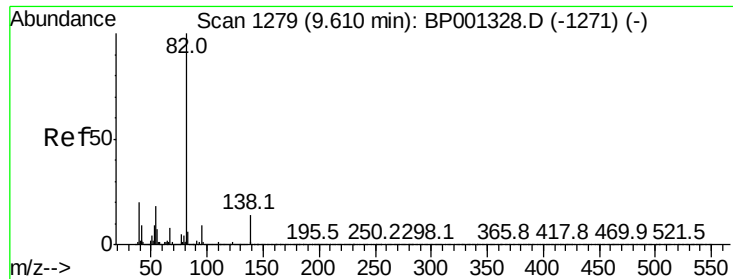
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	27.0	40.4
54	62.0	49.0	73.4



#24
 Nitrobenzene
 Concen: 64.332 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.5	29.4	44.0
65	16.1	12.4	18.6





#25

Isophorone

Concen: 58.021 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

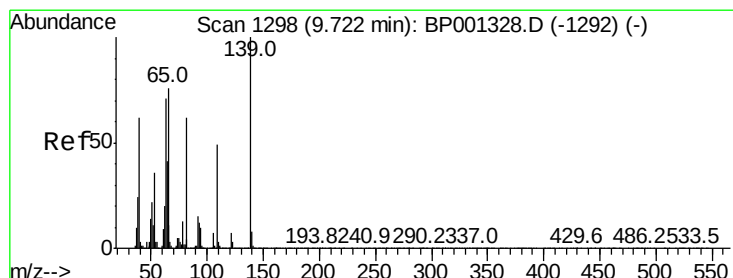
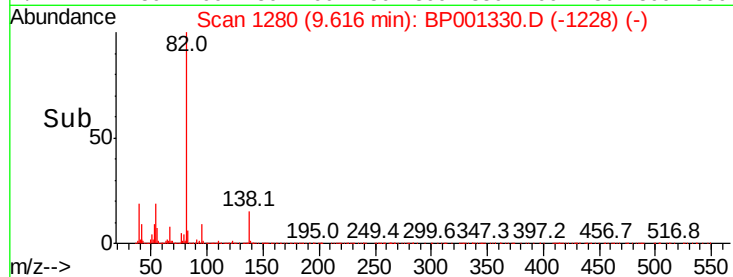
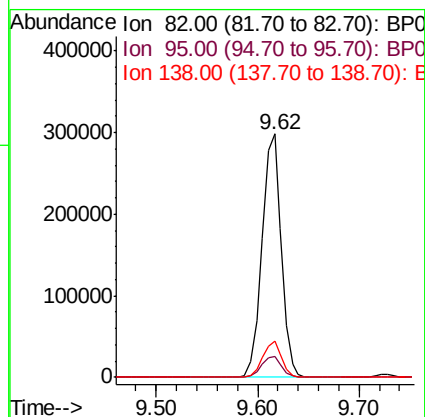
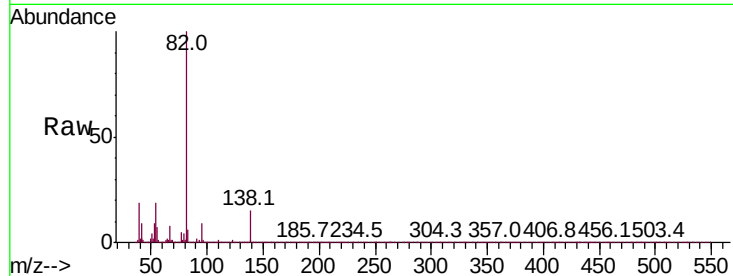
Tot Ion: 82 Resp: 391928

Ion Ratio Lower Upper

82 100

95 8.6 7.3 10.9

138 14.9 11.5 17.3



#26

2-Nitrophenol

Concen: 63.971 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

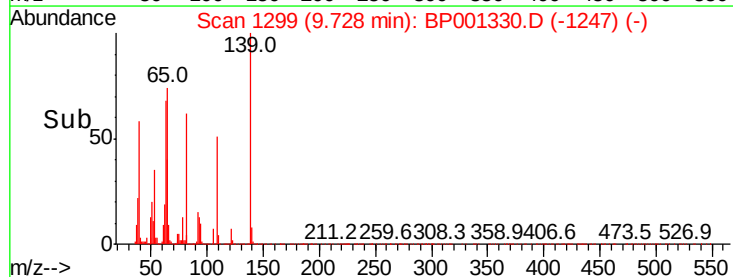
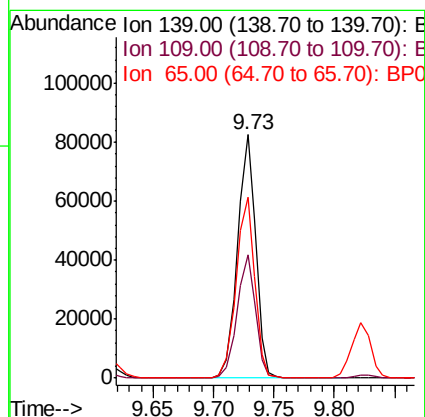
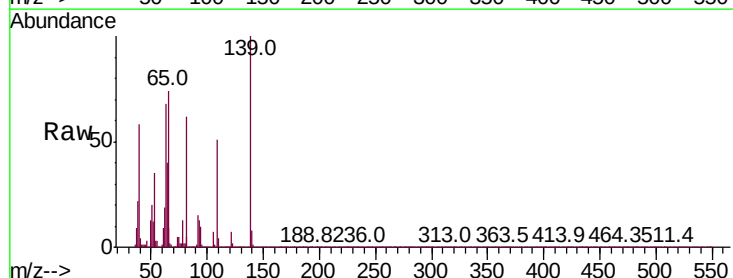
Tgt Ion: 139 Resp: 87771

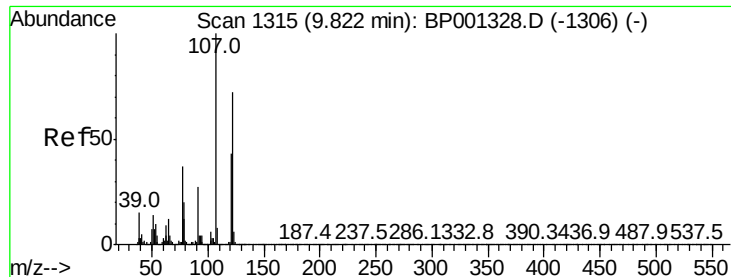
Ion Ratio Lower Upper

139 100

109 50.5 39.1 58.7

65 74.5 61.2 91.8

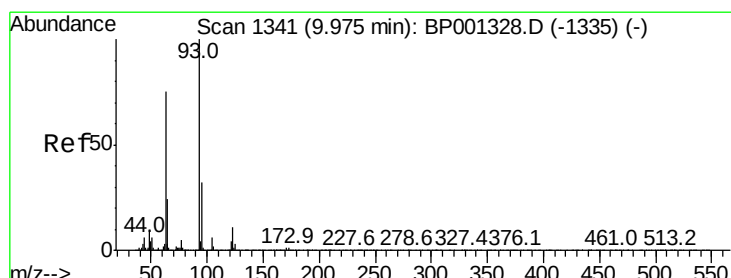
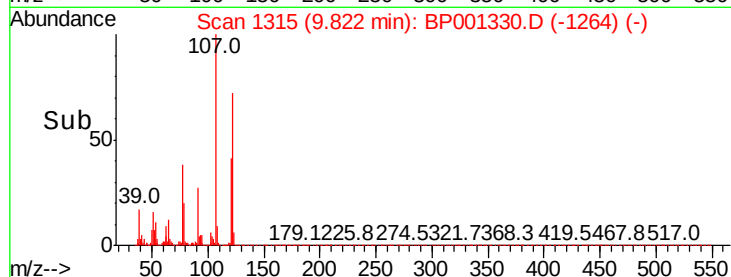
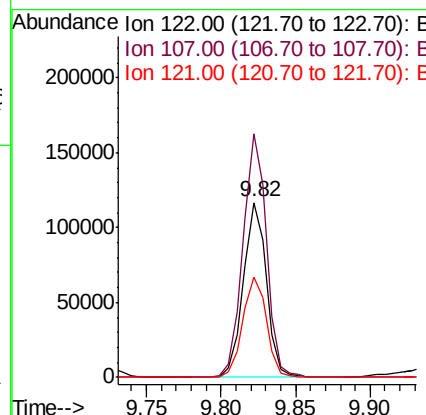
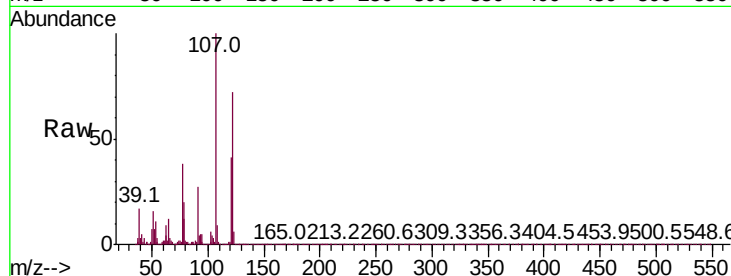




#27
2,4-Dimethylphenol
Concen: 58.283 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

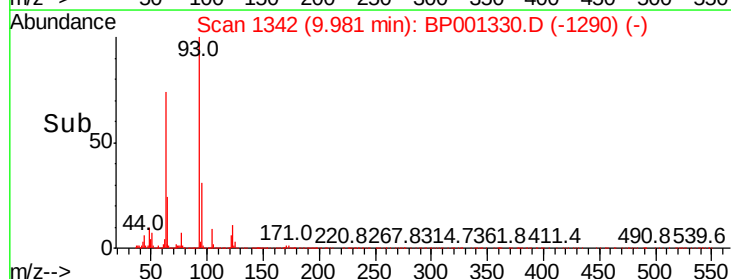
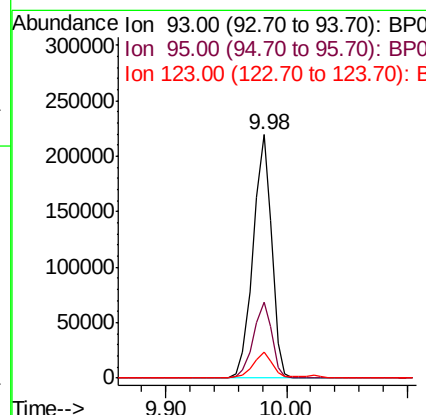
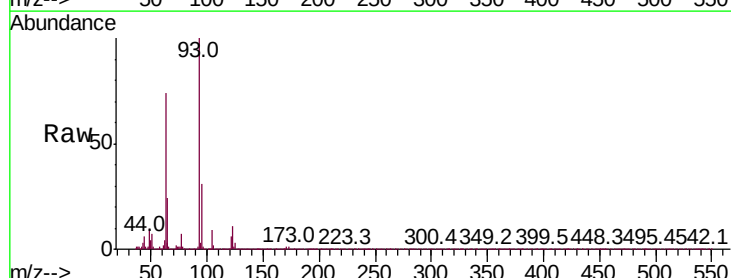
Instrument :
BNA_P
ClientSampleId :

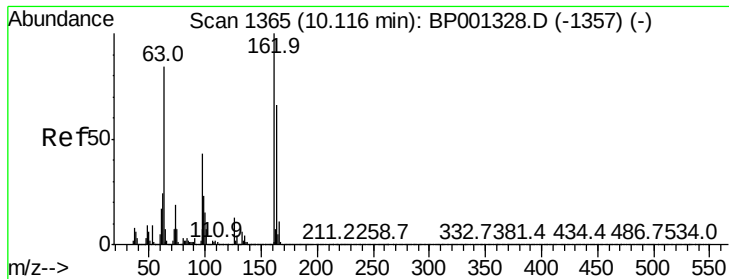
Tot Ion	Ratio	Lower	Upper
122	100		
107	139.4	111.9	167.9
121	57.7	47.9	71.9



#28
bis(2-Chloroethoxy)methane
Concen: 55.650 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	25.4	38.0
123	10.7	8.8	13.2

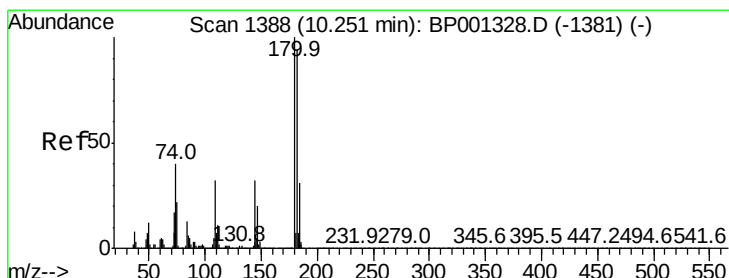
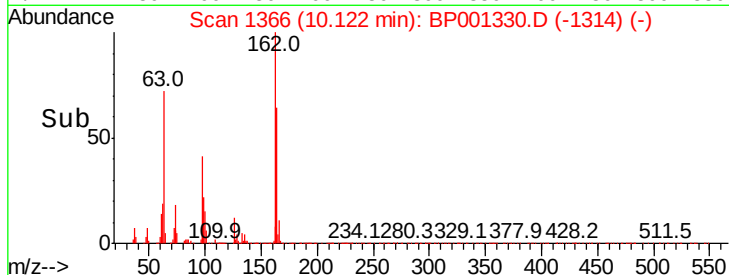
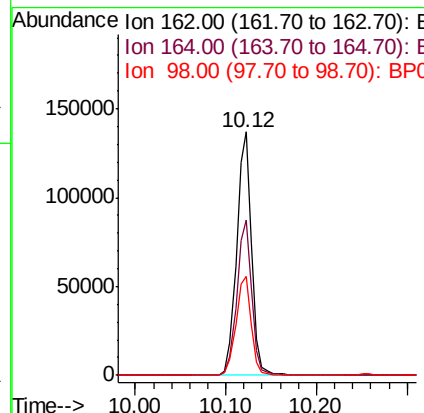
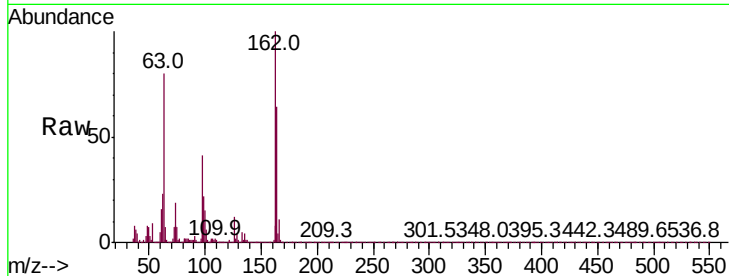




#29
2,4-Dichlorophenol
Concen: 63.784 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

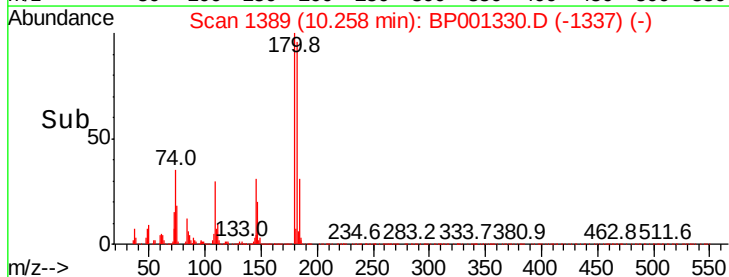
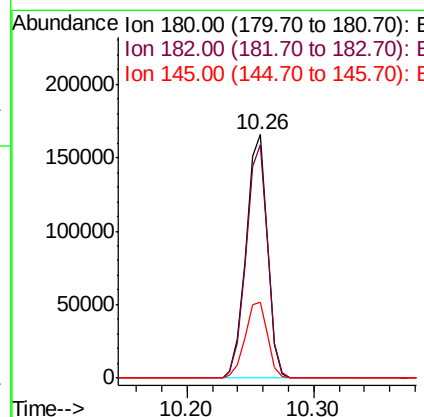
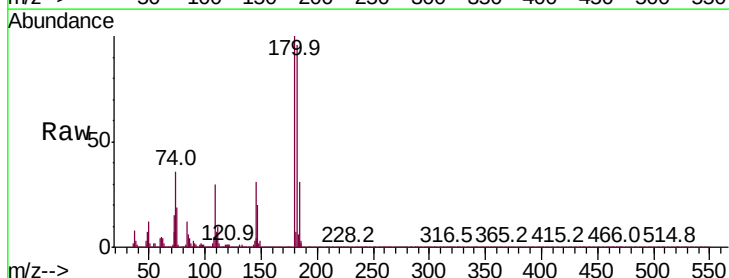
Instrument :
BNA_P
ClientSampleId :

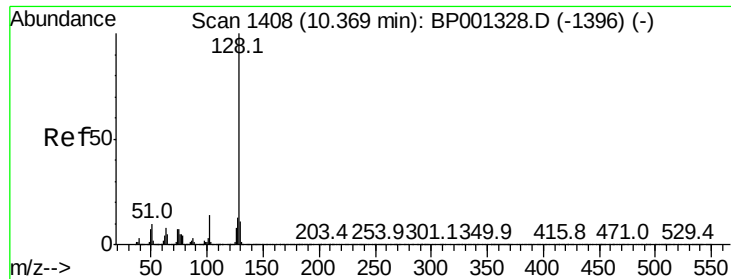
Tot Ion:162 Resp: 157773
Ion Ratio Lower Upper
162 100
164 63.7 45.9 85.9
98 40.8 23.2 63.2



#30
1,2,4-Trichlorobenzene
Concen: 66.249 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:180 Resp: 191399
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
145 31.0 25.8 38.8

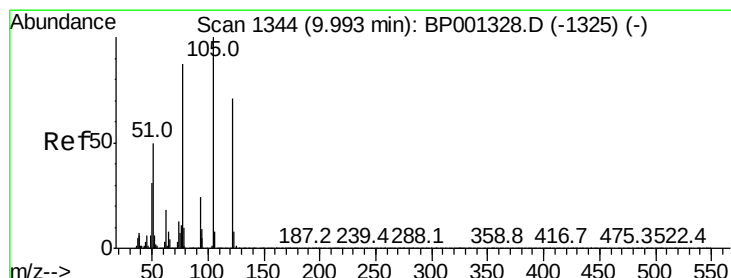
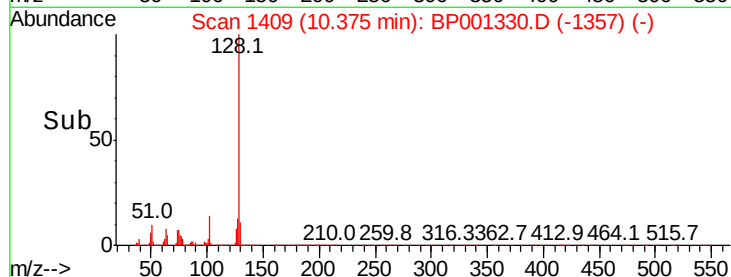
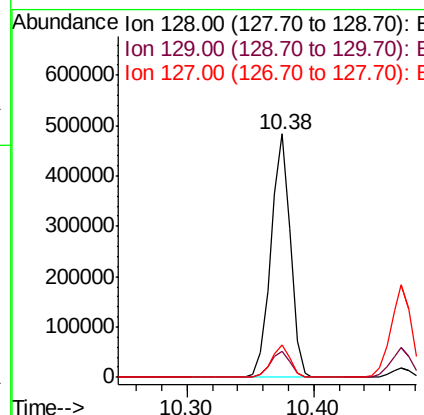
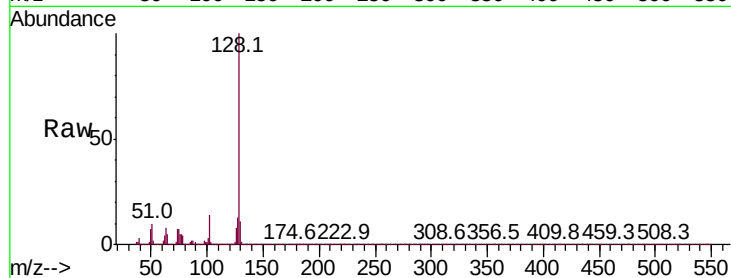




#31
Naphthalene
Concen: 61.416 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

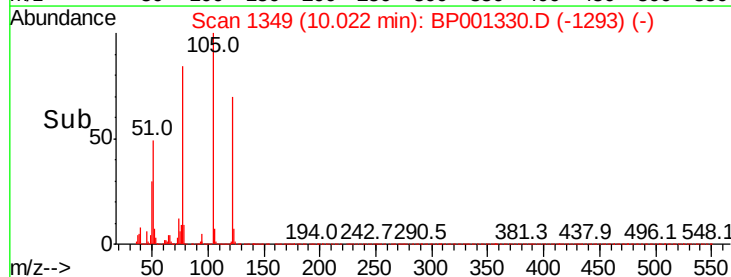
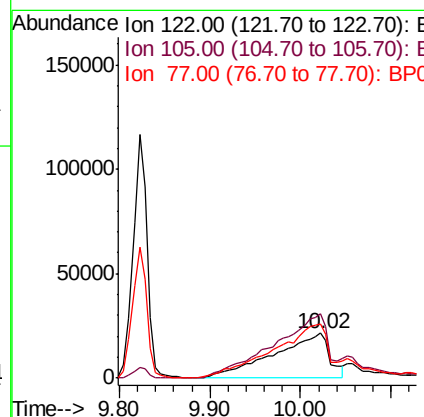
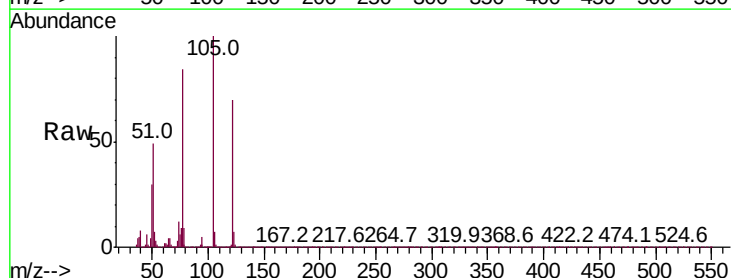
Instrument :
BNA_P
ClientSampleId :

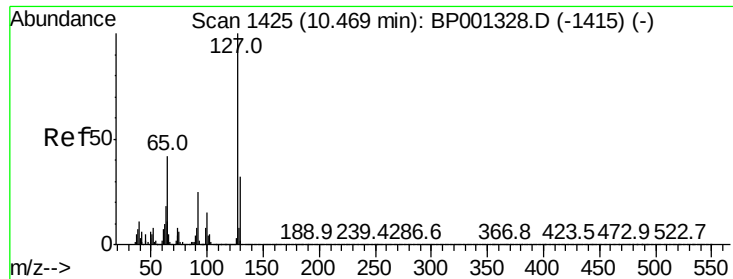
Tot Ion:128 Resp: 512640
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.5 10.7 16.1



#32
Benzoic acid
Concen: 56.975 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.03 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:122 Resp: 89519
Ion Ratio Lower Upper
122 100
105 143.5 118.5 158.5
77 120.8 101.3 141.3

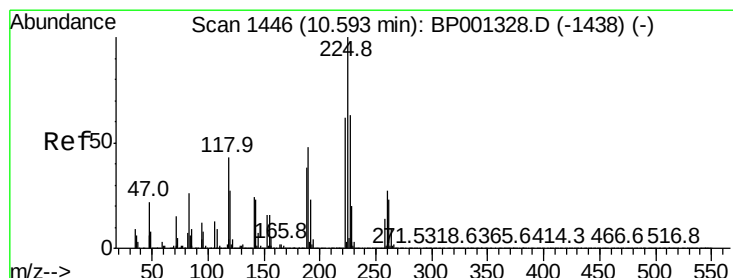
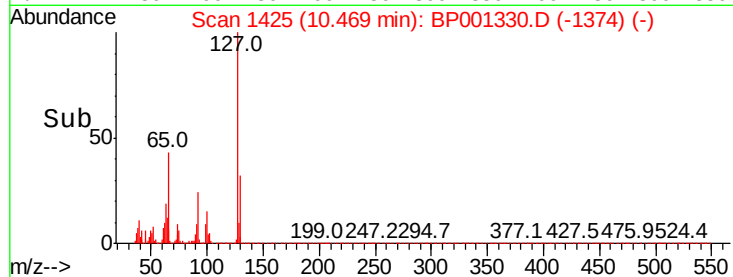
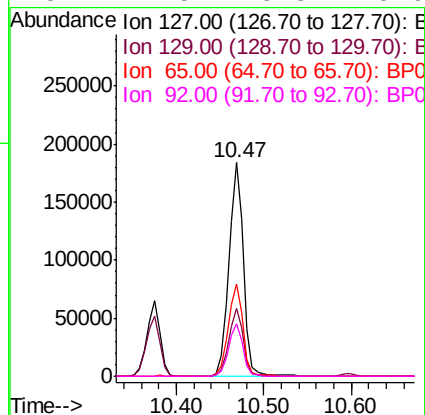
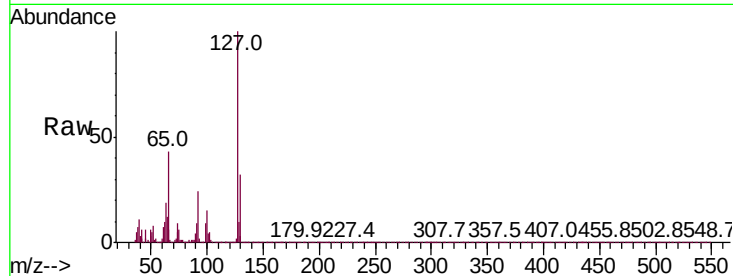




#33
4-Chloroaniline
Concen: 58.301 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

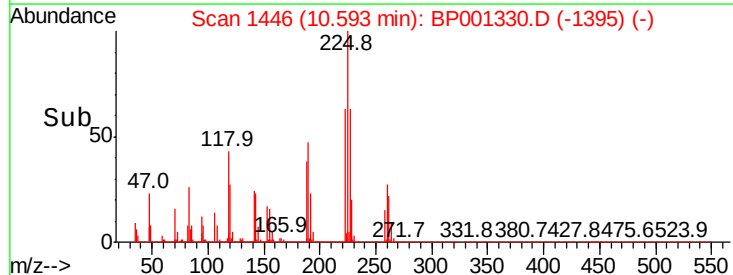
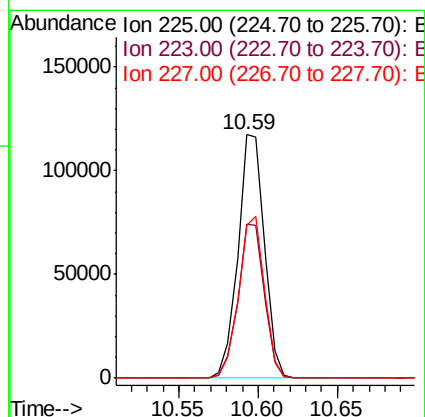
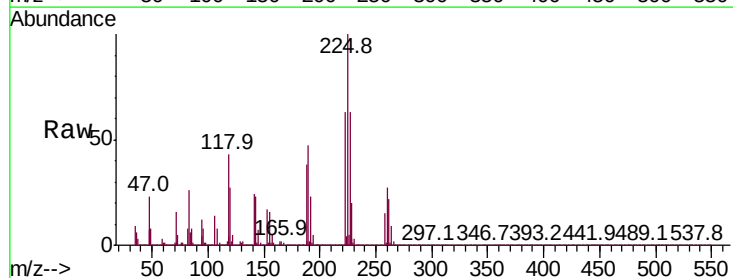
Instrument :
BNA_P
ClientSampleId :

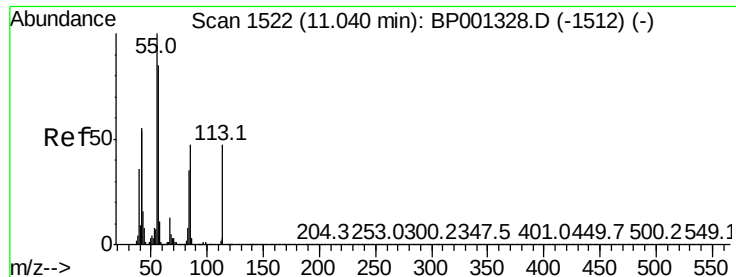
Tot Ion:	127	Resp:	211179
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.2	37.8
65	43.0	33.6	50.4
92	24.5	19.8	29.6



#34
Hexachlorobutadiene
Concen: 74.359 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:	225	Resp:	135143
Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.2	73.8
227	62.9	50.3	75.5

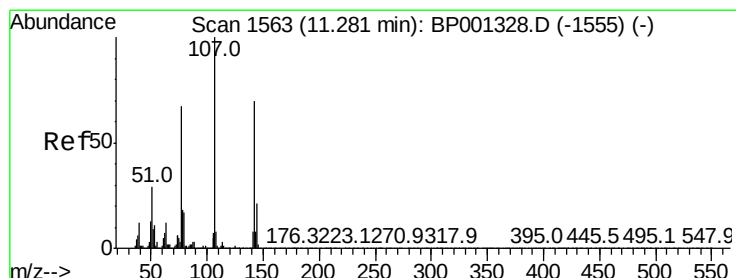
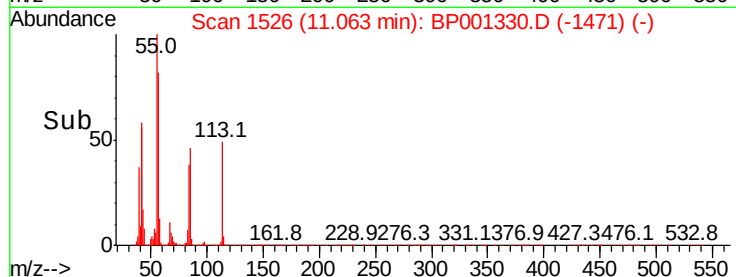
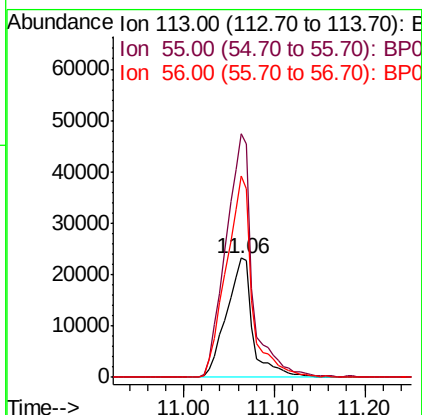
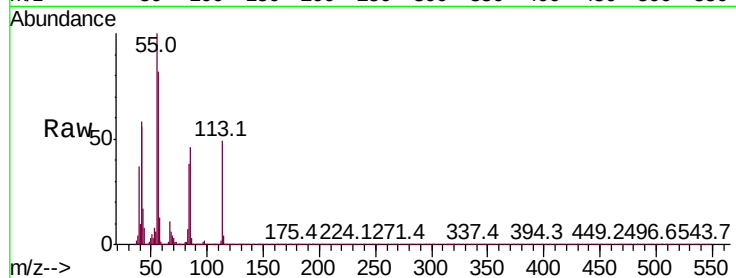




#35
 Caprolactam
 Concen: 55.138 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. 0.02 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

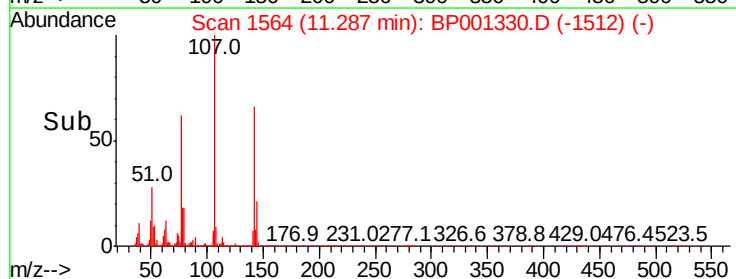
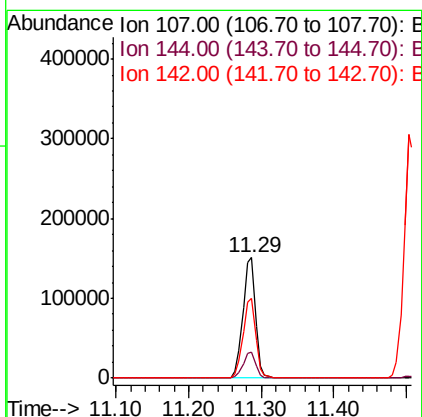
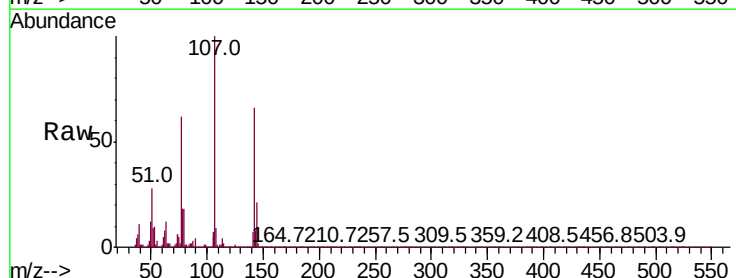
Instrument :
 BNA_P
 ClientSampleId :

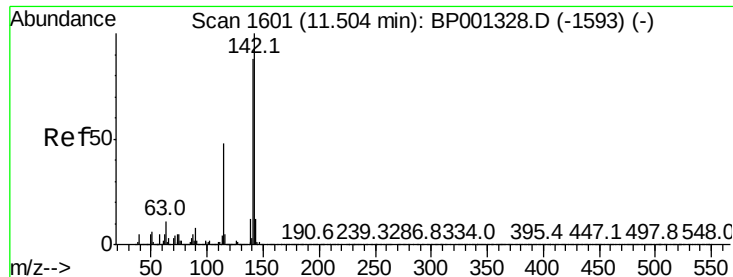
Tot Ion:113 Resp: 47005
 Ion Ratio Lower Upper
 113 100
 55 204.3 191.5 231.5
 56 168.5 160.5 200.5



#36
 4-Chloro-3-methylphenol
 Concen: 62.827 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

Tgt Ion:107 Resp: 184253
 Ion Ratio Lower Upper
 107 100
 144 21.1 16.9 25.3
 142 65.9 55.9 83.9

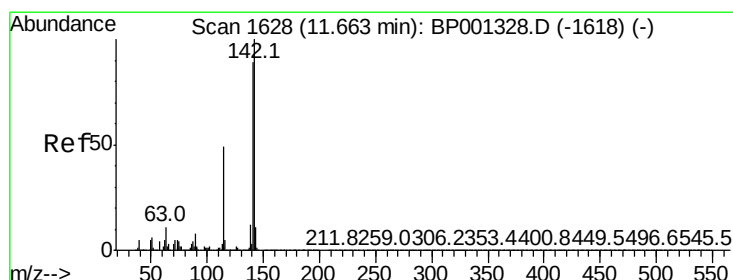
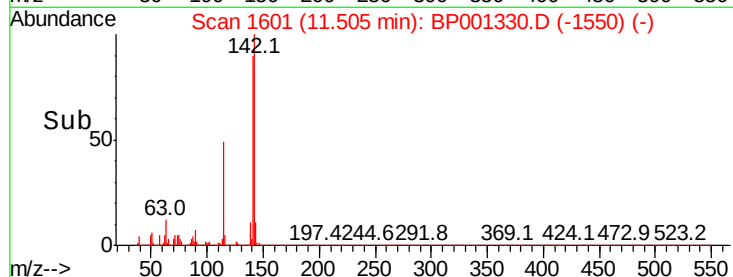
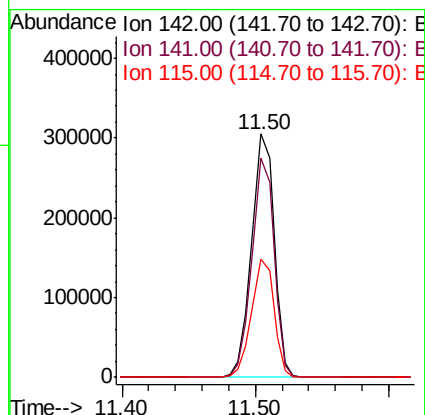
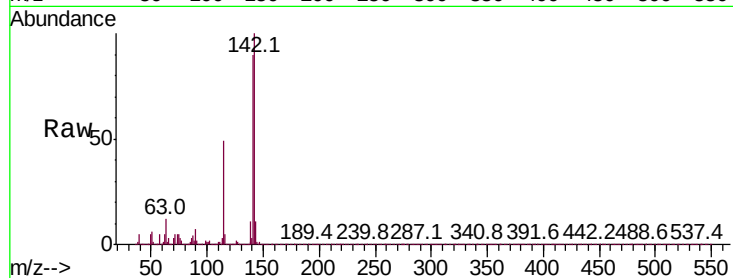




#37
2-Methylnaphthalene
Concen: 62.327 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

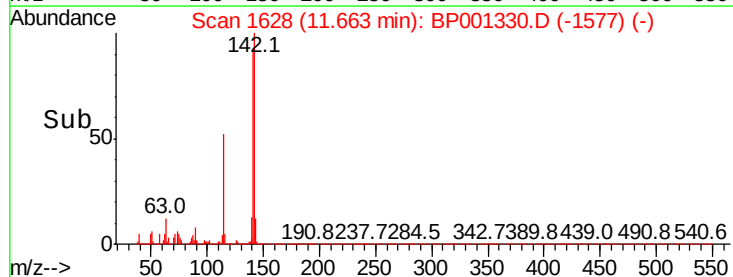
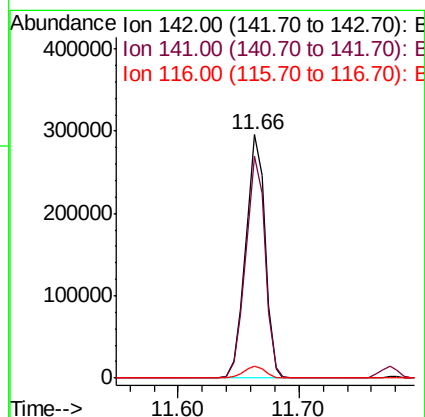
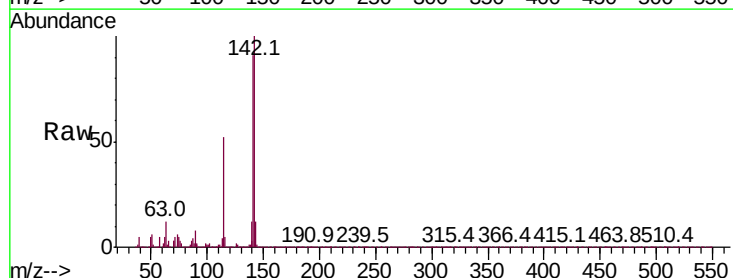
Instrument :
BNA_P
ClientSampleId :

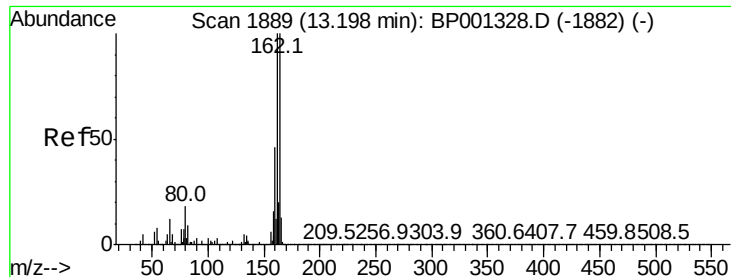
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.2	105.4
115	48.6	38.7	58.1



#38
1-Methylnaphthalene
Concen: 62.024 ng
RT: 11.66 min Scan# 1628
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
116	5.0	4.2	6.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.20 min Scan# 1890

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

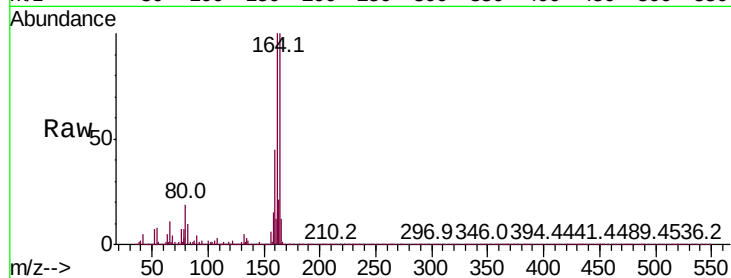
Tot Ion:164 Resp: 95776

Ion Ratio Lower Upper

164 100

162 100.3 80.3 120.5

160 44.7 36.6 54.8

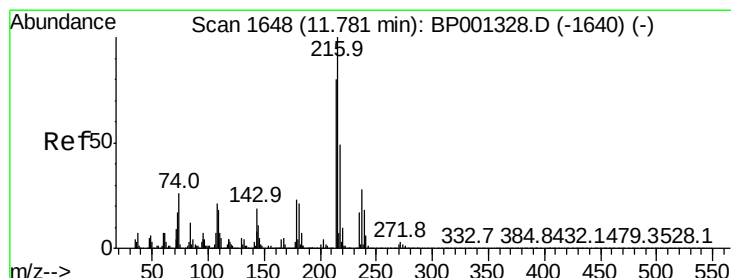
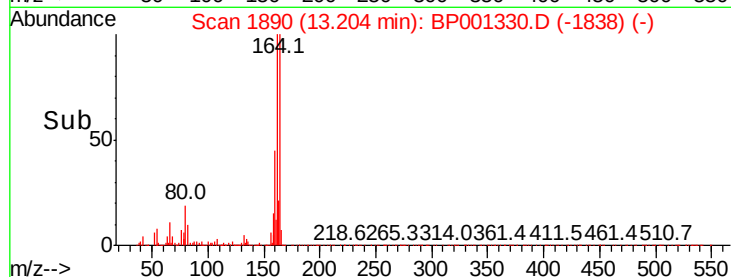
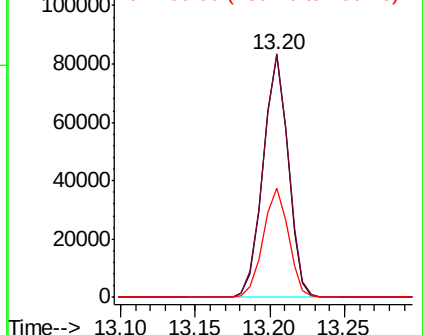


Abundance

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: 66.966 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:216 Resp: 202125

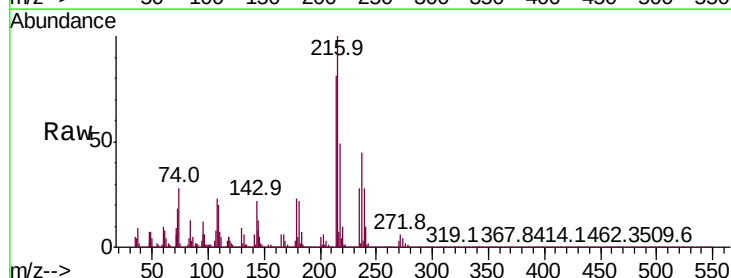
Ion Ratio Lower Upper

216 100

214 78.0 62.6 94.0

179 22.5 18.1 27.1

108 22.9 18.2 27.2



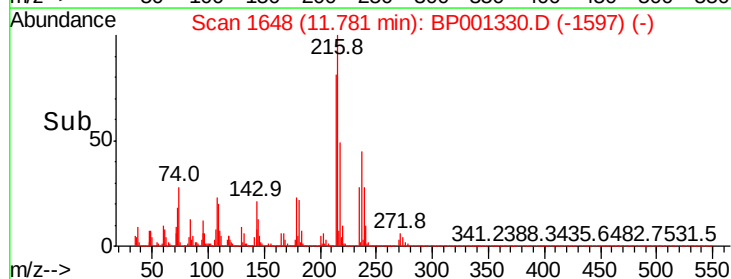
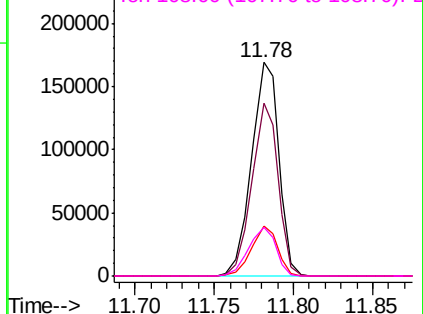
Abundance

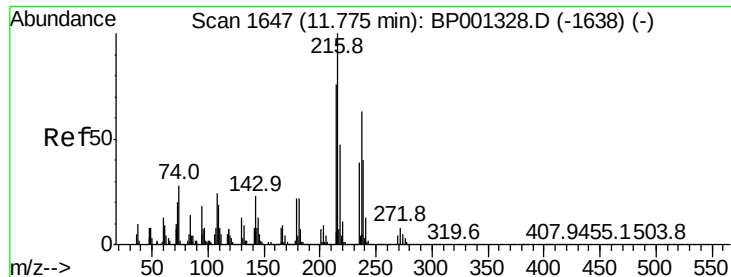
Ion 216.00 (215.70 to 216.70): E

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

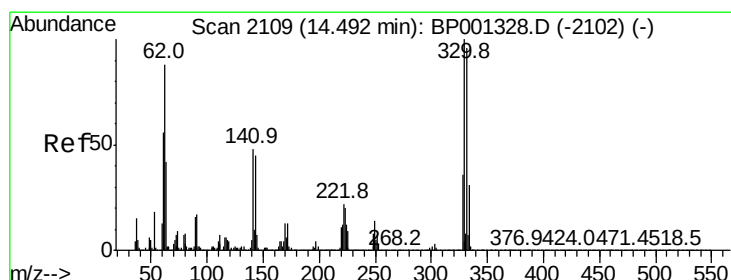
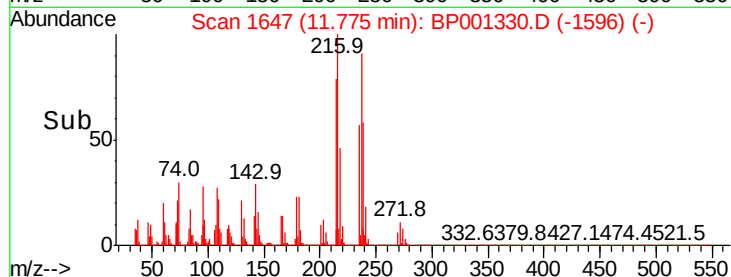
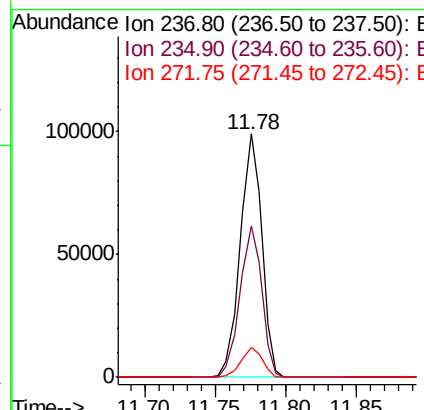
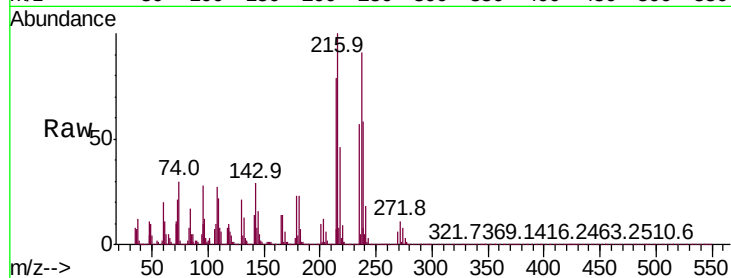




#41
Hexachlorocyclopentadiene
Concen: 75.955 ng
RT: 11.78 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

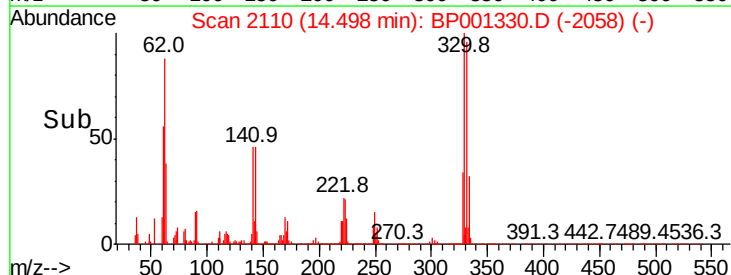
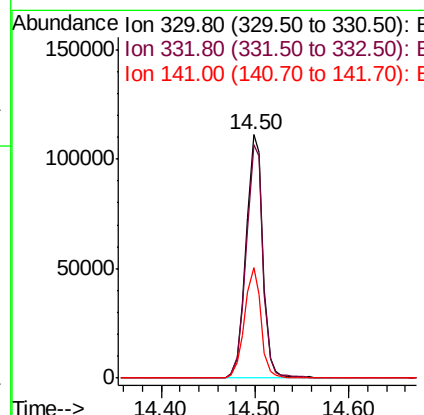
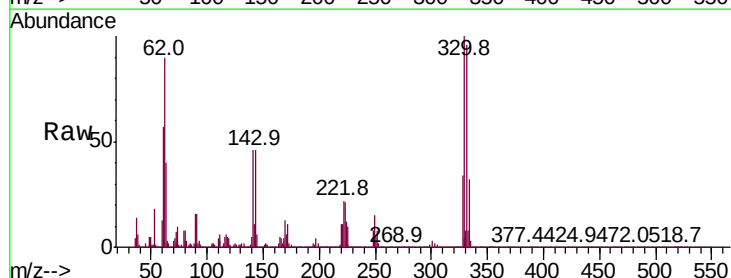
Instrument :
BNA_P
ClientSampleId :

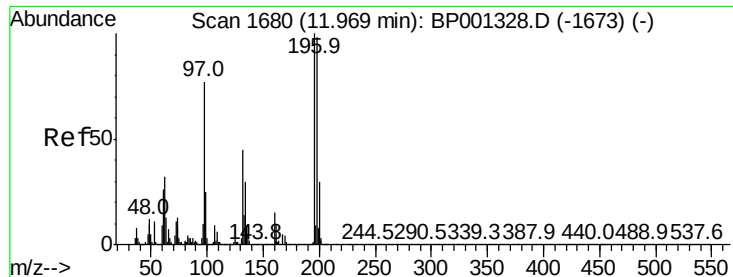
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.9	81.9
272	12.1	0.0	32.0



#42
2,4,6-Tribromophenol
Concen: 150.822 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.7	118.1
141	44.3	36.2	54.4

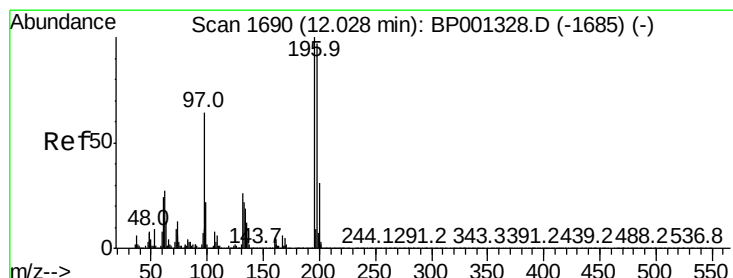
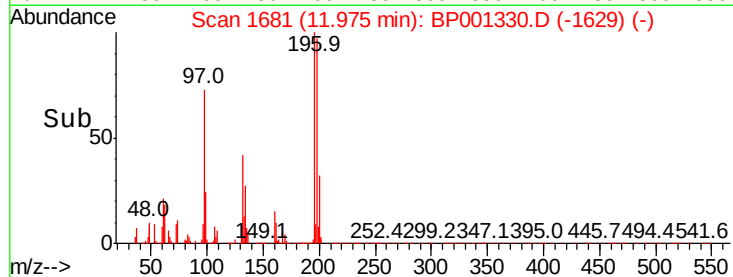
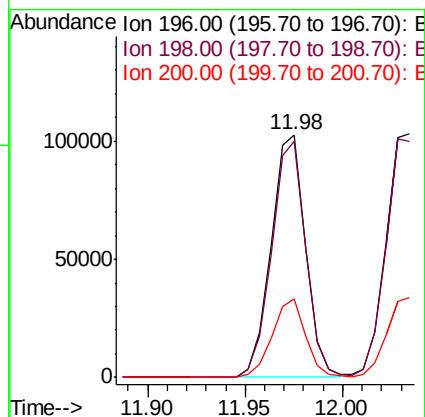
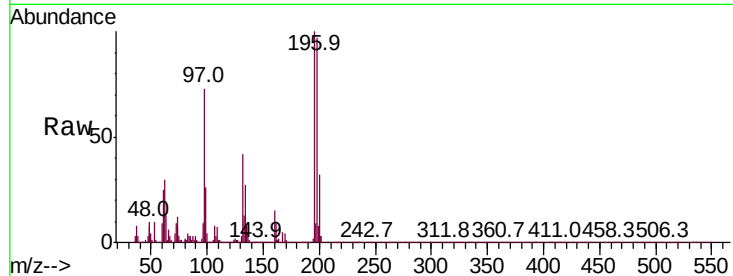




#43
2,4,6-Trichlorophenol
Concen: 63.417 ng
RT: 11.98 min Scan# 1681
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

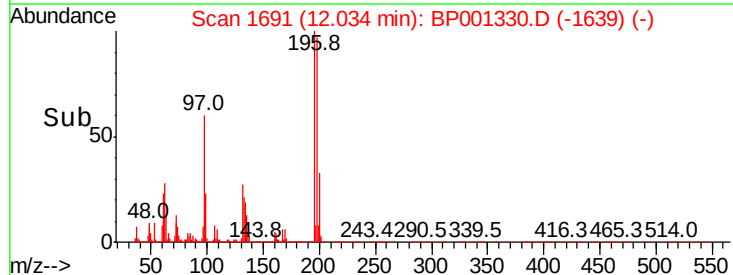
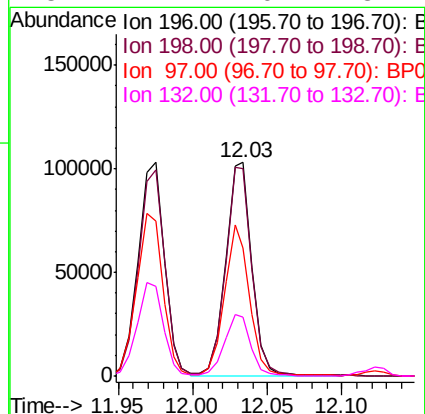
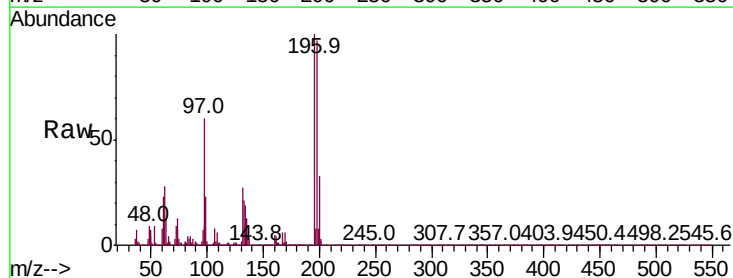
Instrument :
BNA_P
ClientSampleId :

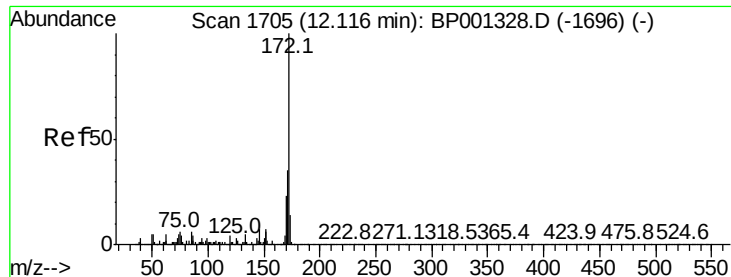
Tot Ion:196 Resp: 124981
Ion Ratio Lower Upper
196 100
198 96.8 78.6 118.0
200 32.2 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 62.163 ng
RT: 12.03 min Scan# 1691
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:196 Resp: 126934
Ion Ratio Lower Upper
196 100
198 97.0 77.7 116.5
97 59.9 50.7 76.1
132 27.4 20.7 31.1

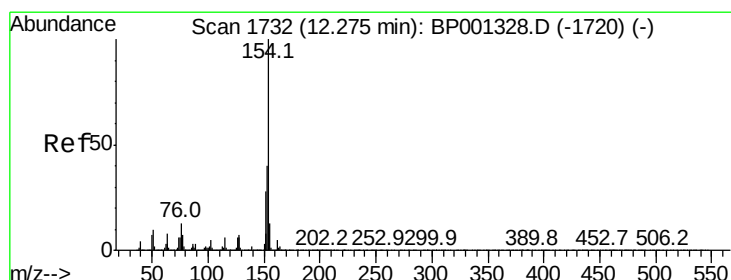
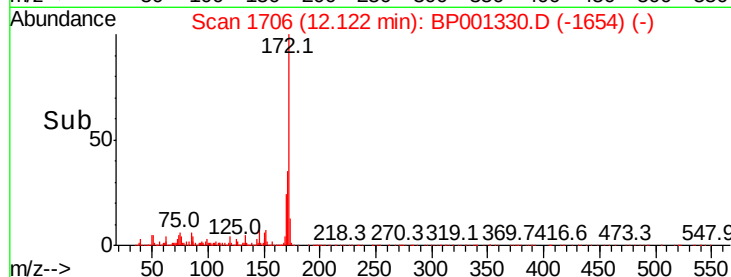
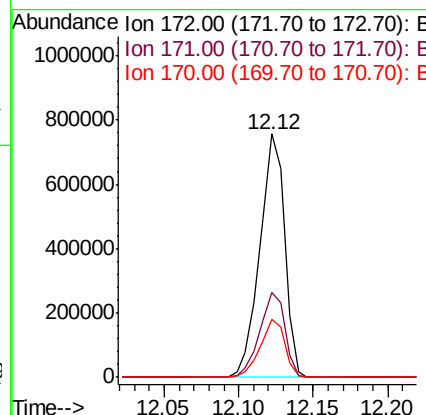
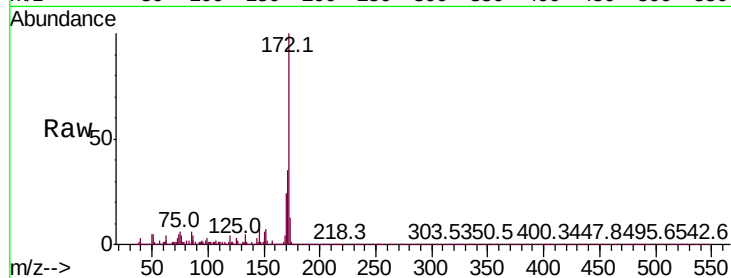




#45
2-Fluorobiphenyl
Concen: 131.588 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

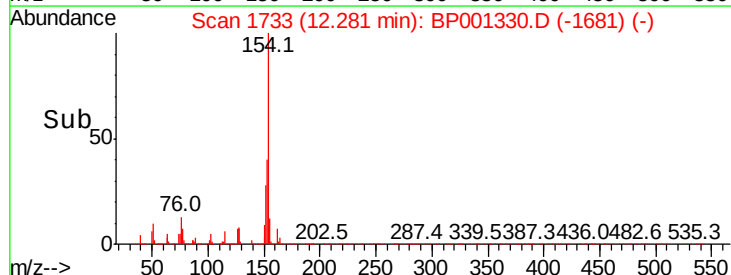
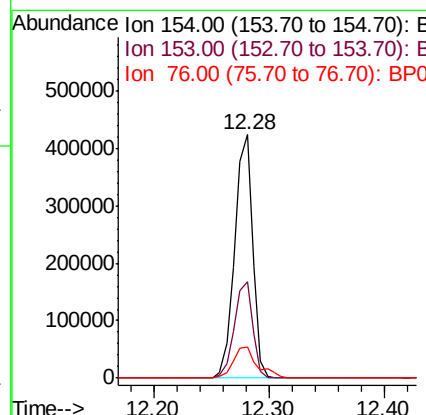
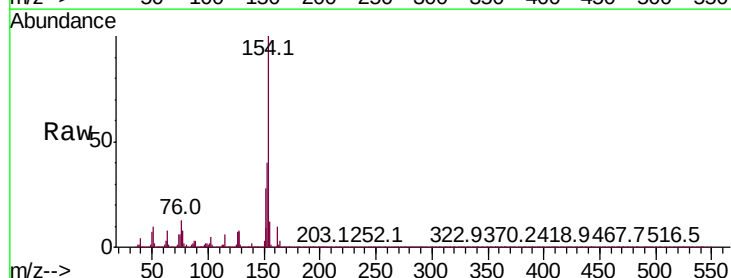
Instrument :
BNA_P
ClientSampleId :

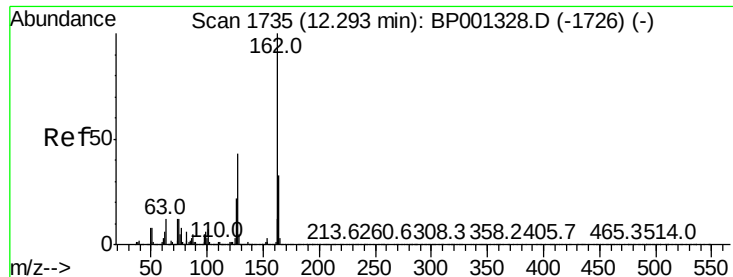
Tot Ion:172 Resp: 861111
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 24.1 18.6 28.0



#46
1,1'-Biphenyl
Concen: 61.875 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:154 Resp: 457992
Ion Ratio Lower Upper
154 100
153 39.9 20.2 60.2
76 13.0 0.0 33.1

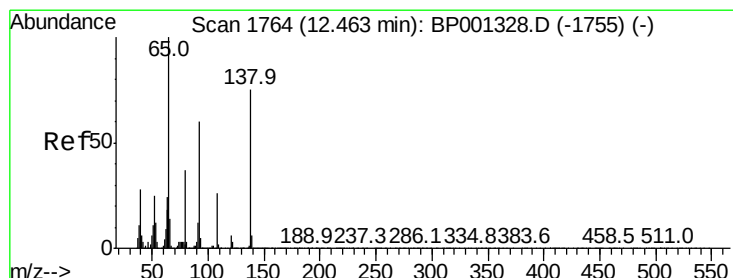
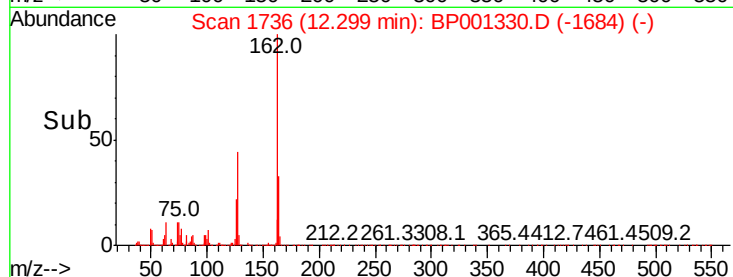
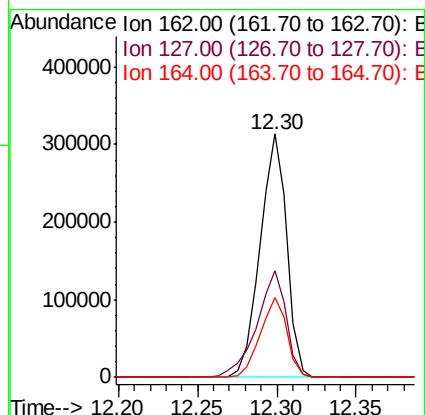
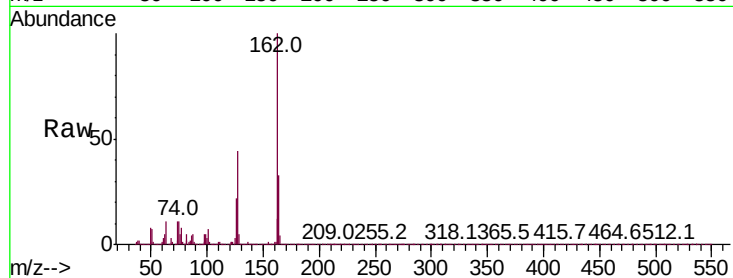




#47
2-Chloronaphthalene
Concen: 62.221 ng
RT: 12.30 min Scan# 1736
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

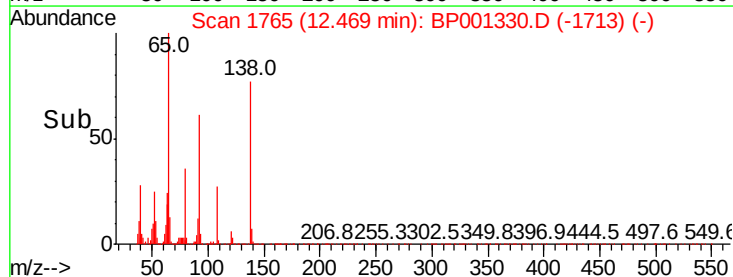
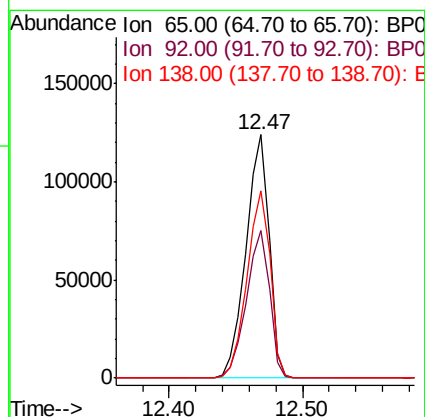
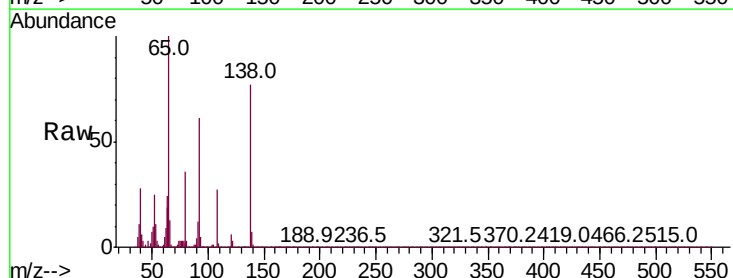
Instrument :
BNA_P
ClientSampleId :

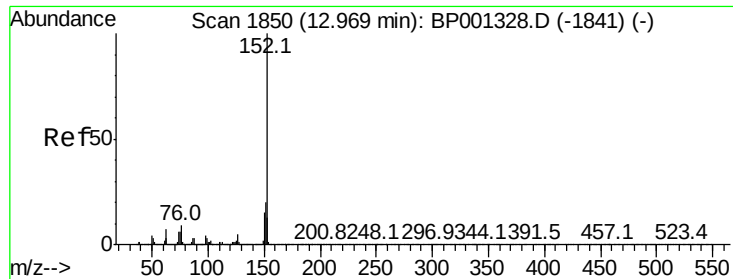
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.9	34.2	51.4
164	32.8	26.4	39.6



#48
2-Nitroaniline
Concen: 63.818 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.6	48.3	72.5
138	77.2	60.2	90.4





#49

Acenaphthylene

Concen: 61.011 ng

RT: 12.97 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

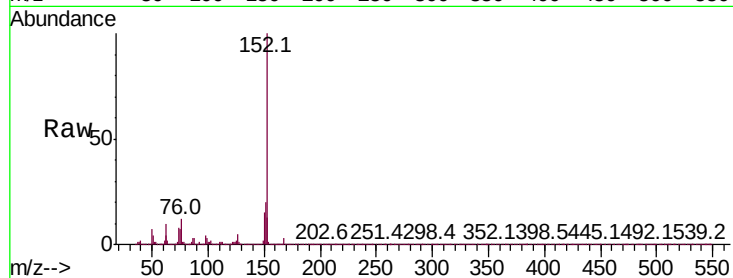
Tot Ion:152 Resp: 540710

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

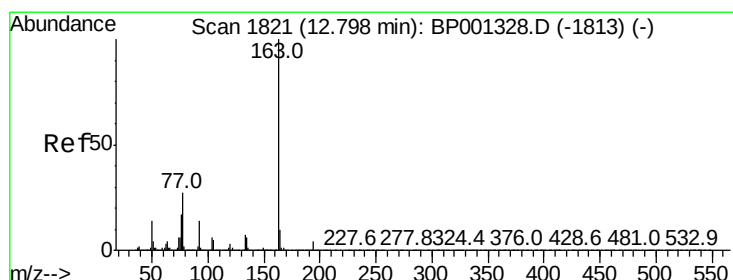
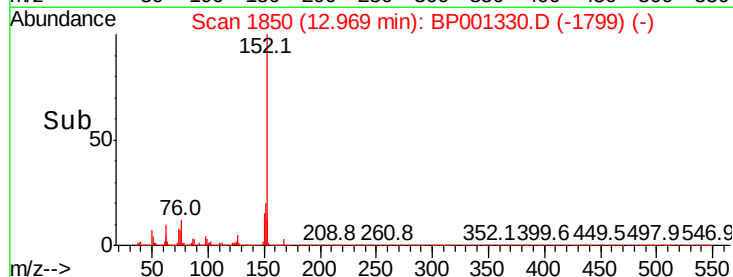
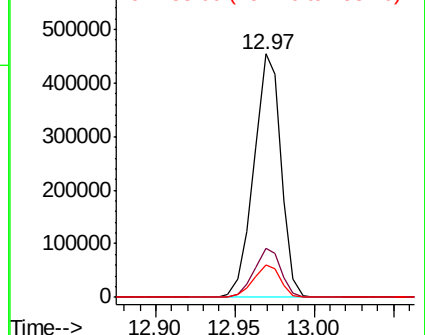
153 13.2 10.4 15.6



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: 62.311 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

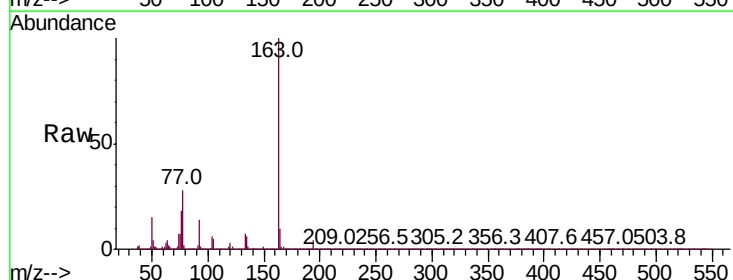
Tgt Ion:163 Resp: 446340

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

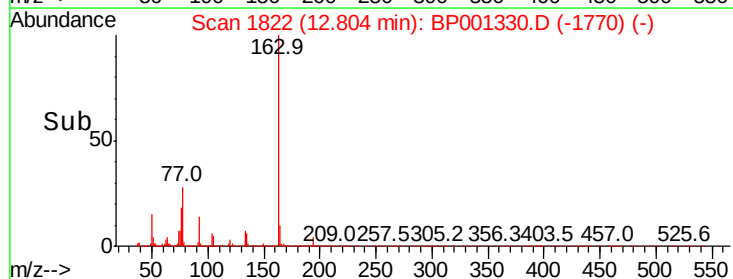
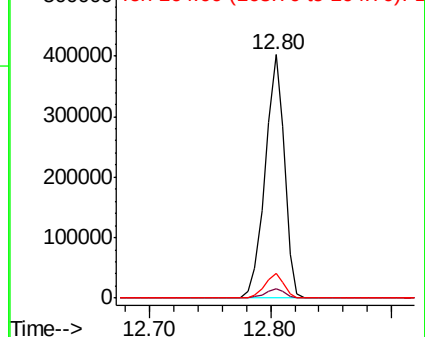
164 10.3 7.9 11.9

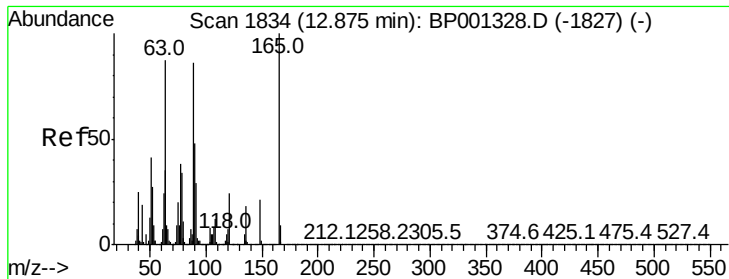


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

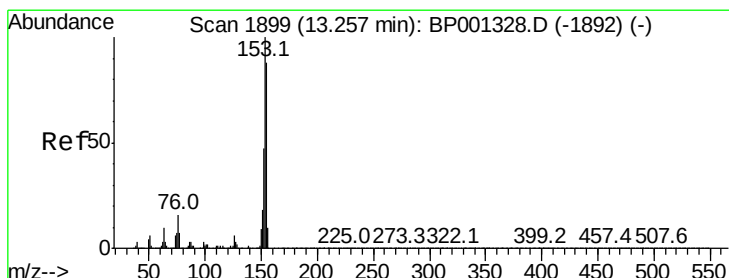
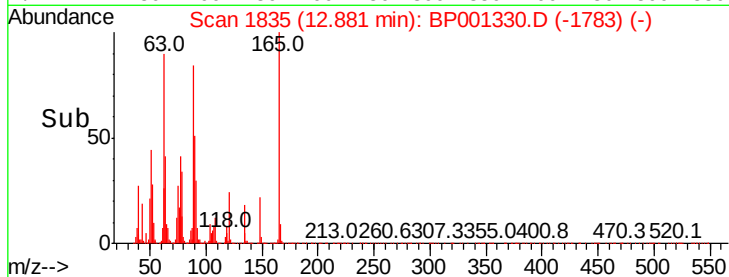
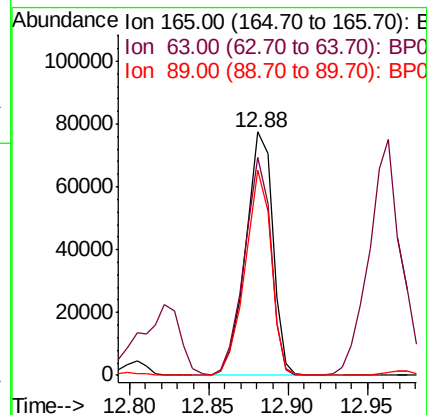
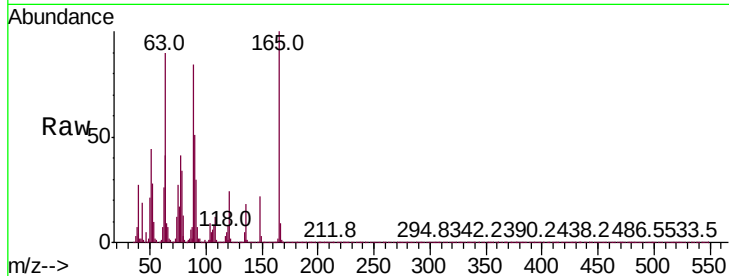




#51
 2,6-Dinitrotoluene
 Concen: 60.116 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

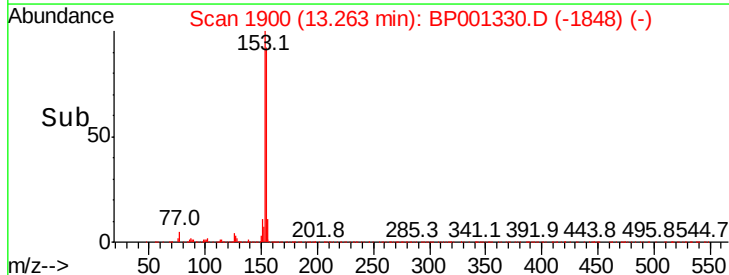
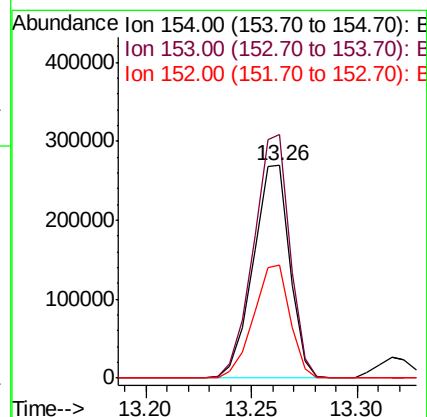
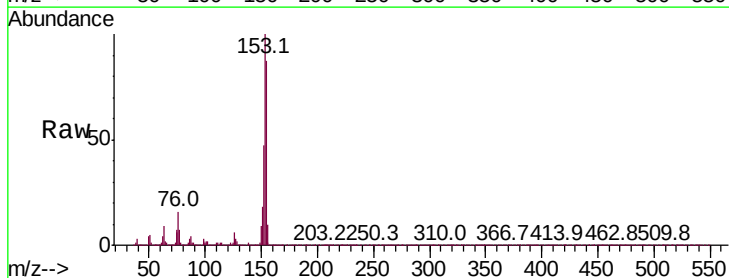
Instrument :
 BNA_P
 ClientSampleId :

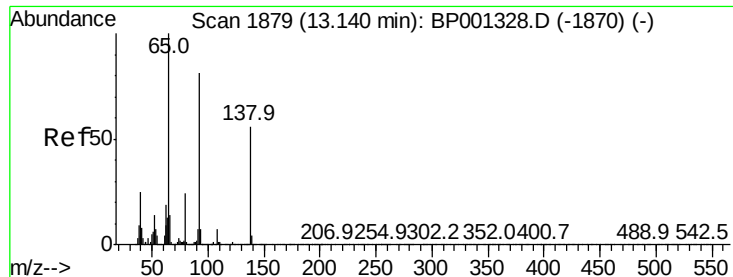
Tot Ion:165 Resp: 92181
 Ion Ratio Lower Upper
 165 100
 63 89.8 71.3 106.9
 89 84.3 68.5 102.7



#52
 Acenaphthene
 Concen: 61.130 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

Tgt Ion:154 Resp: 325891
 Ion Ratio Lower Upper
 154 100
 153 114.4 90.6 135.8
 152 53.3 42.4 63.6

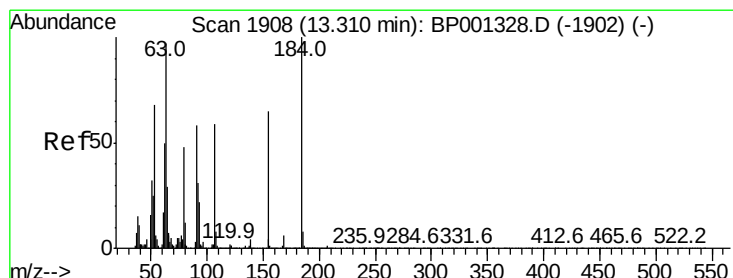
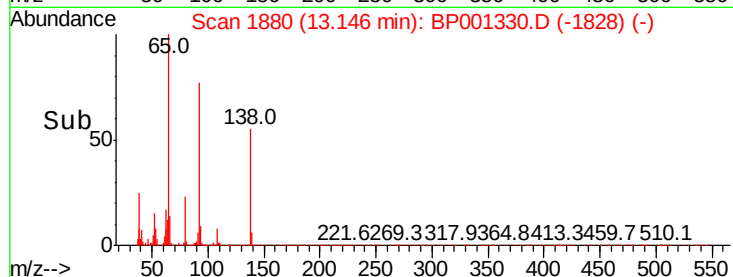
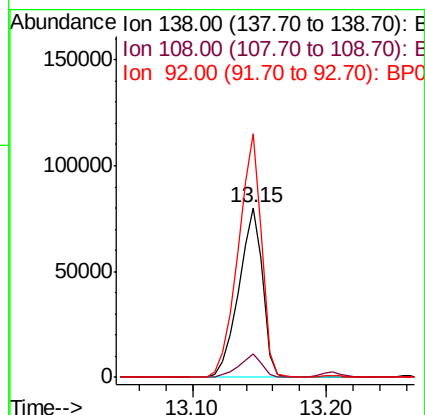
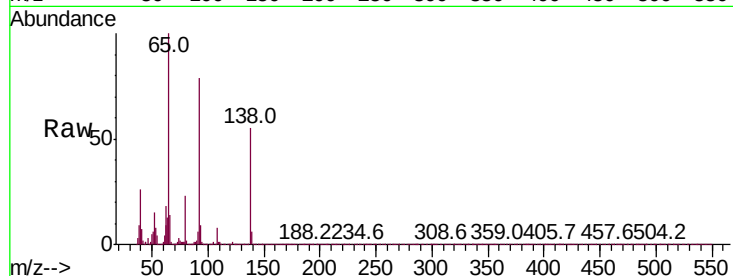




#53
3-Nitroaniline
Concen: 57.474 ng
RT: 13.15 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

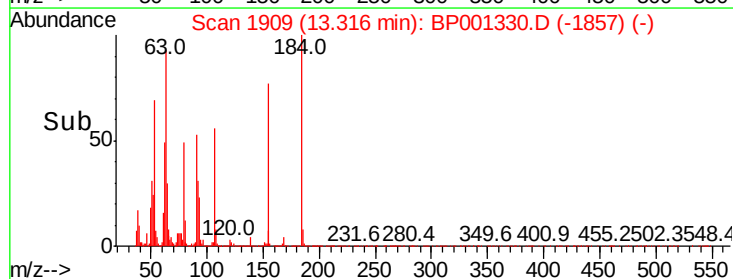
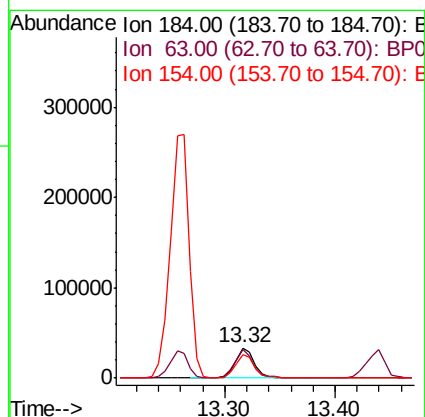
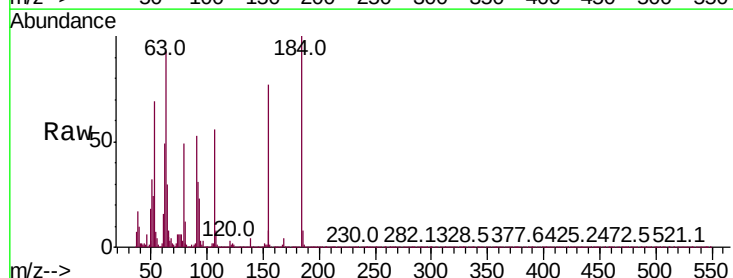
Instrument :
BNA_P
ClientSampleId :

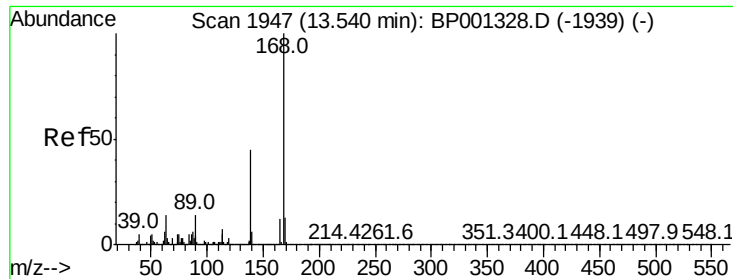
Tot Ion:138 Resp: 98999
Ion Ratio Lower Upper
138 100
108 13.8 10.1 15.1
92 143.4 114.6 172.0



#54
2,4-Dinitrophenol
Concen: 76.892 ng
RT: 13.32 min Scan# 1909
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:184 Resp: 41346
Ion Ratio Lower Upper
184 100
63 93.4 78.6 117.8
154 77.3 62.2 93.2





#55

Dibenzofuran

Concen: 63.449 ng

RT: 13.55 min Scan# 1948

Delta R.T. 0.01 min

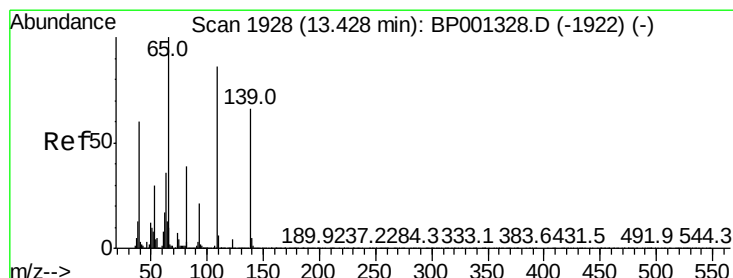
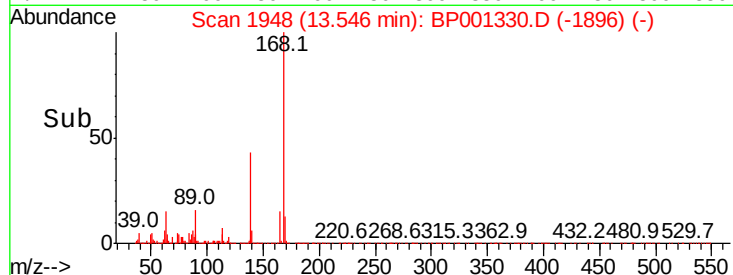
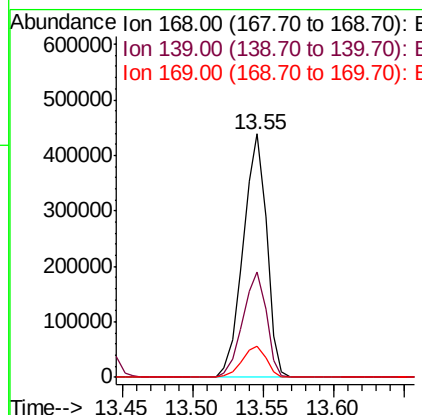
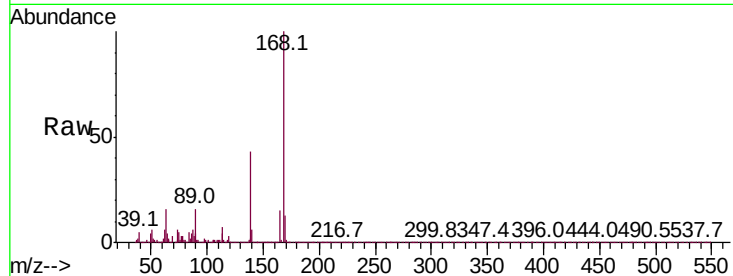
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampled :

Tot Ion:168 Resp: 508293

Ion	Ratio	Lower	Upper
168	100		
139	43.5	35.8	53.8
169	12.8	10.5	15.7



#56

4-Nitrophenol

Concen: 58.038 ng

RT: 13.44 min Scan# 1930

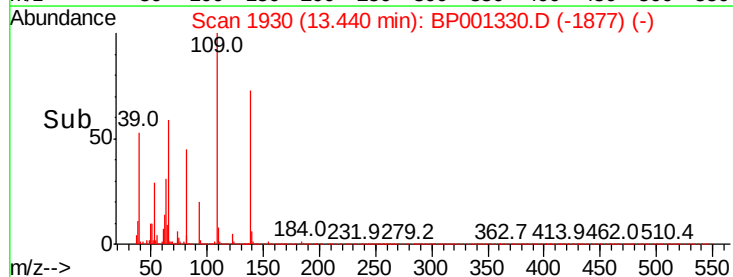
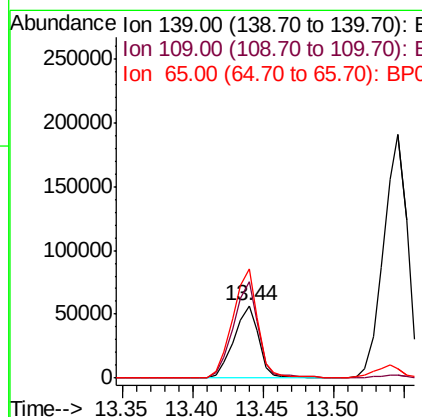
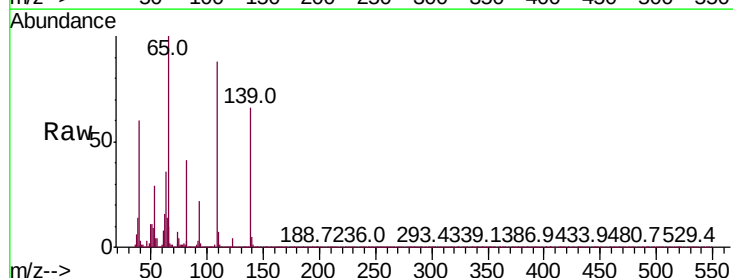
Delta R.T. 0.01 min

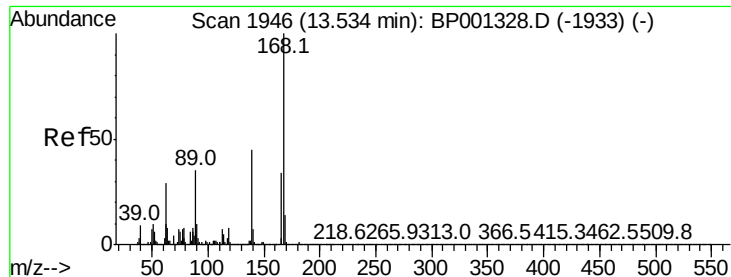
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:139 Resp: 70839

Ion	Ratio	Lower	Upper
139	100		
109	132.8	110.1	150.1
65	150.7	131.3	171.3

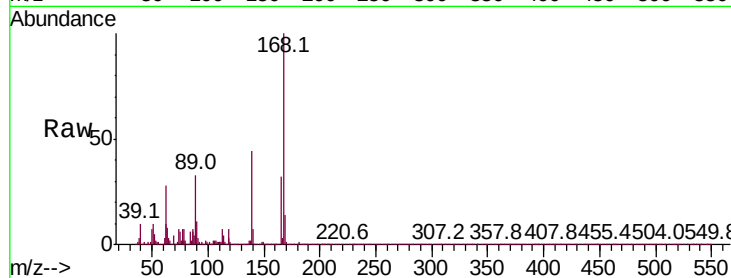




#57
2,4-Dinitrotoluene
Concen: 66.937 ng
RT: 13.54 min Scan# 1947
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	87.6	67.6	101.4
89	102.5	81.3	121.9
182	2.7	2.2	3.2

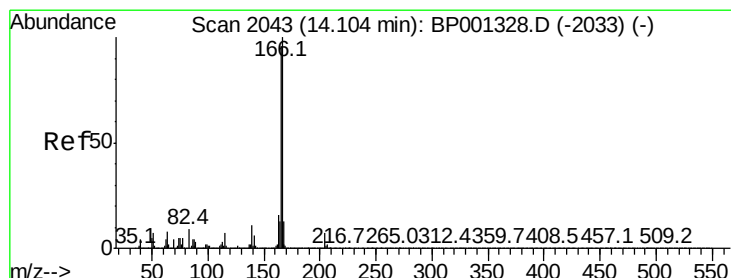
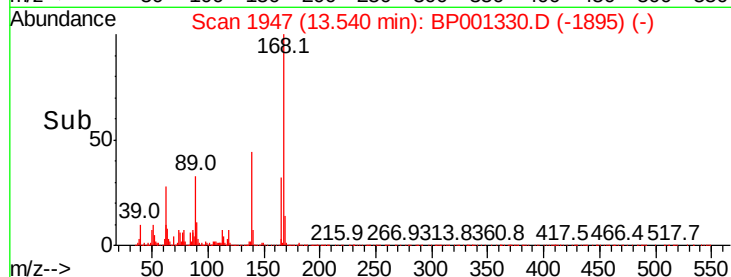
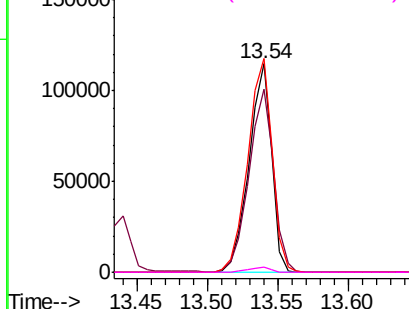


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

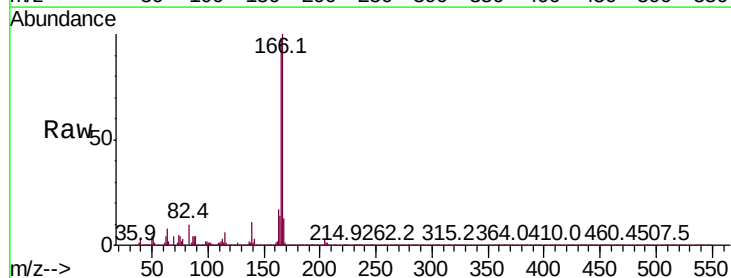
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 63.717 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

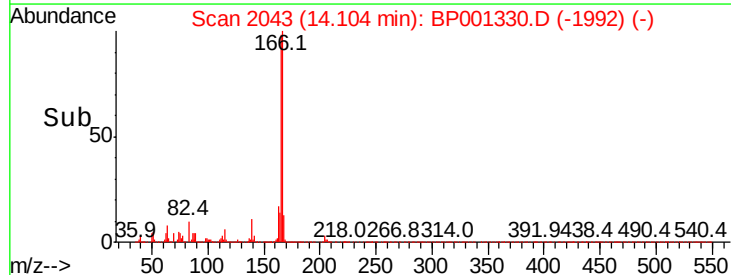
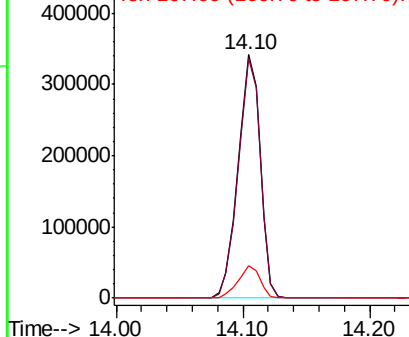
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	76.9	115.3
167	13.3	10.3	15.5

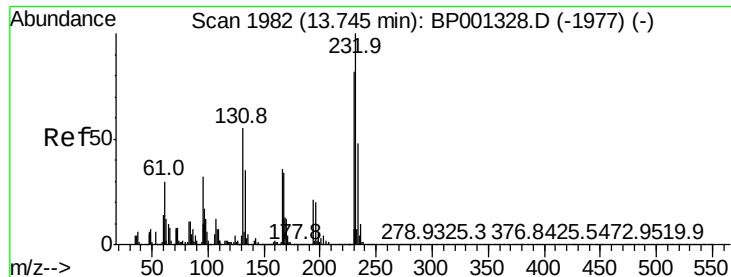


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

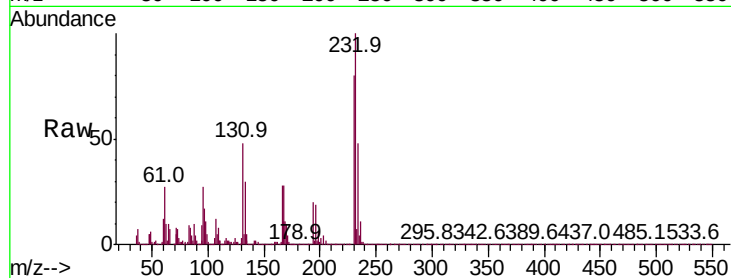




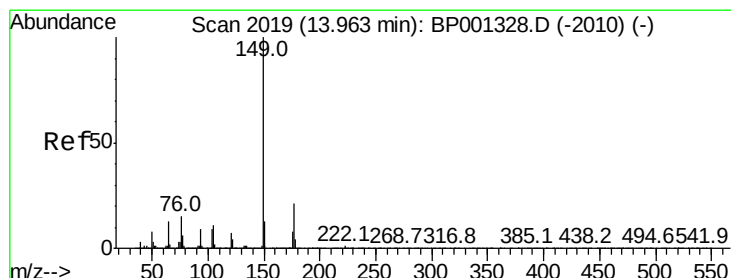
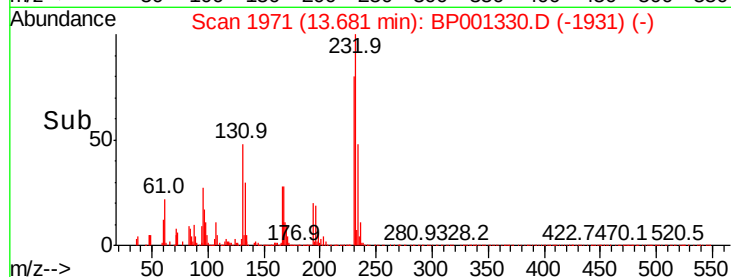
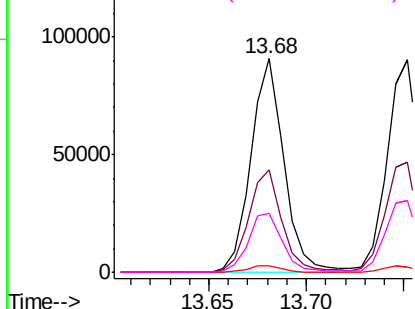
#59
2,3,4,6-Tetrachlorophenol
Concen: 63.223 ng
RT: 13.68 min Scan# 1971
Delta R.T. -0.06 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	232	Resp:	106121
Ion	Ratio	Lower	Upper
232	100		
131	48.6	36.1	54.1
130	3.2	2.5	3.7
166	28.9	22.5	33.7

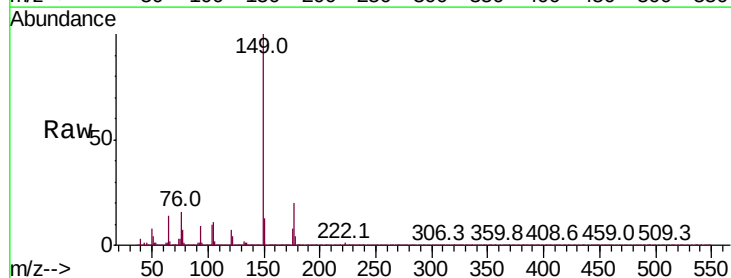


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

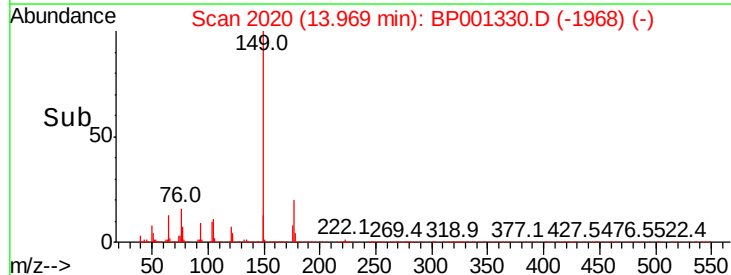
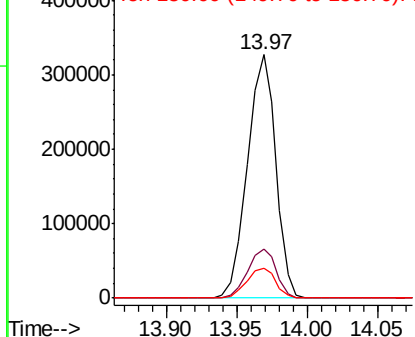


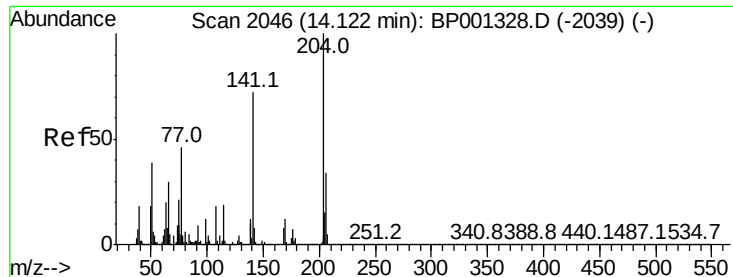
#60
Diethylphthalate
Concen: 62.148 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:	149	Resp:	460951
Ion	Ratio	Lower	Upper
149	100		
177	20.1	16.7	25.1
150	12.5	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

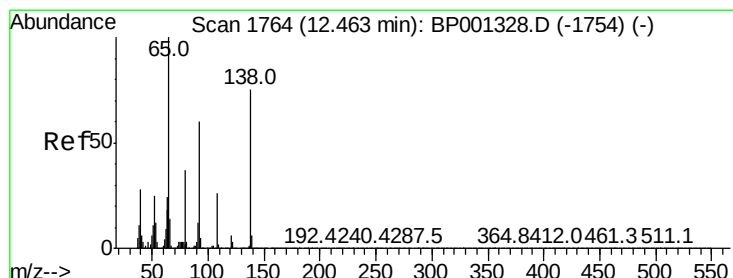
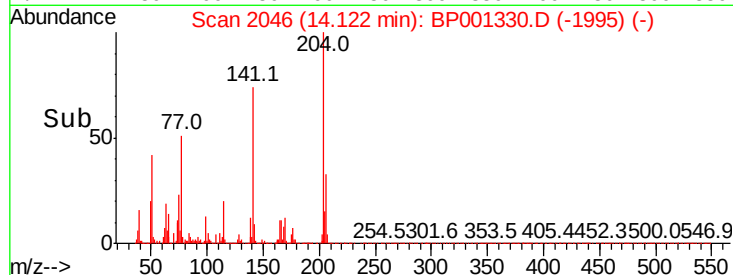
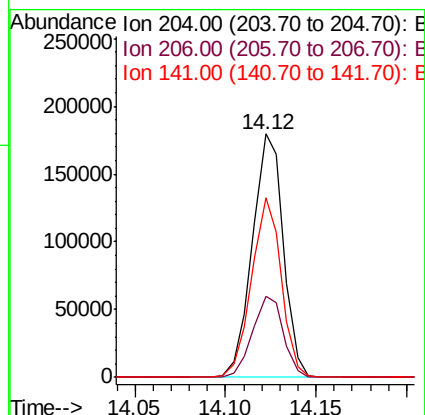
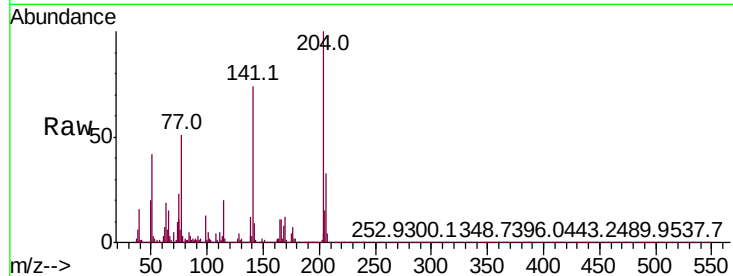




#61
4-Chlorophenyl-phenylether
Concen: 65.150 ng
RT: 14.12 min Scan# 2046
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

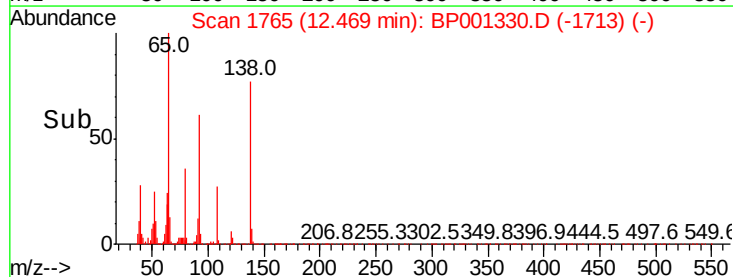
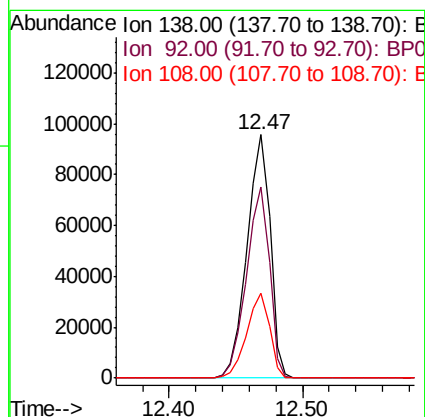
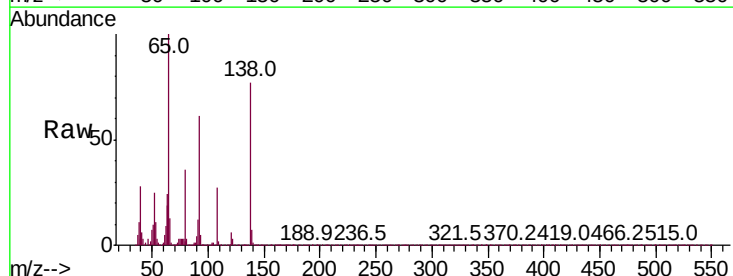
Instrument :
BNA_P
ClientSampled :

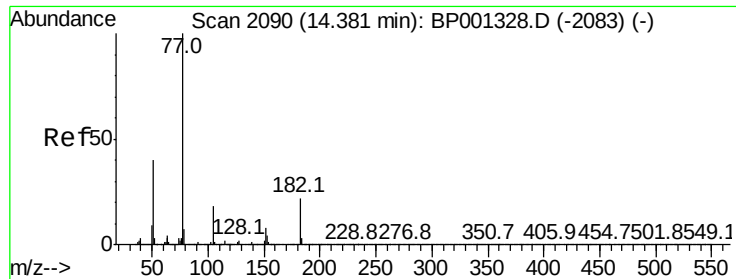
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.4	41.0
141	73.9	57.3	85.9



#62
4-Nitroaniline
Concen: 57.203 ng
RT: 12.47 min Scan# 1765
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	78.5	60.3	100.3
108	35.0	14.5	54.5

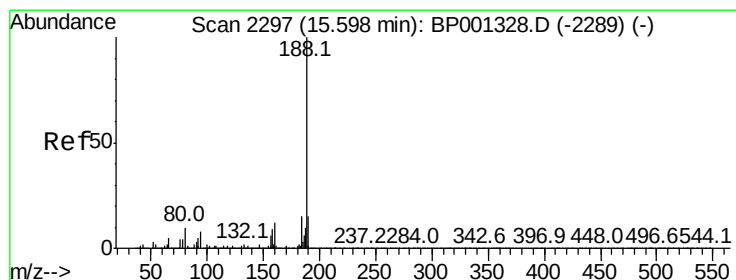
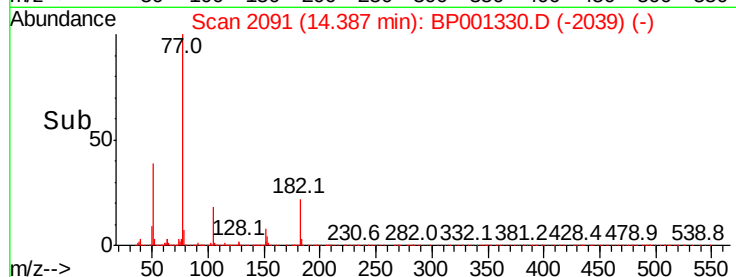
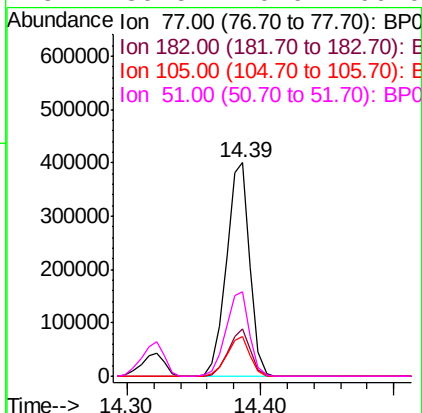
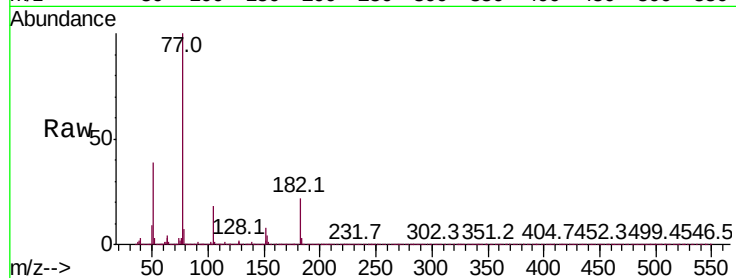




#63
Azobenzene
Concen: 60.912 ng
RT: 14.39 min Scan# 2091
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

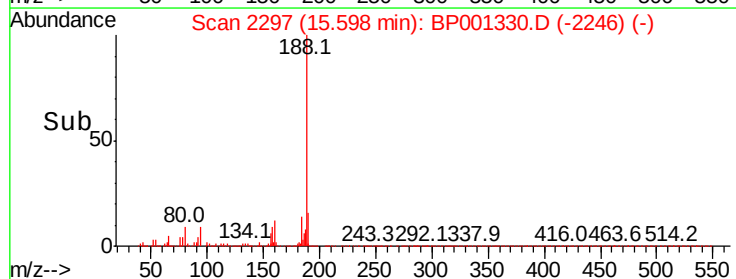
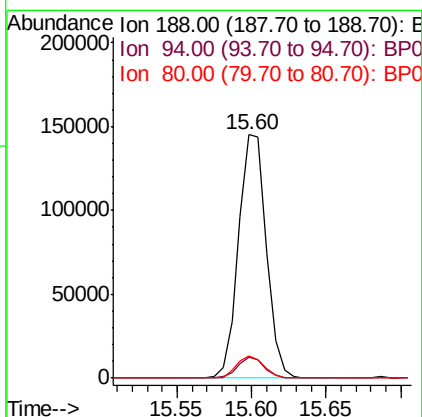
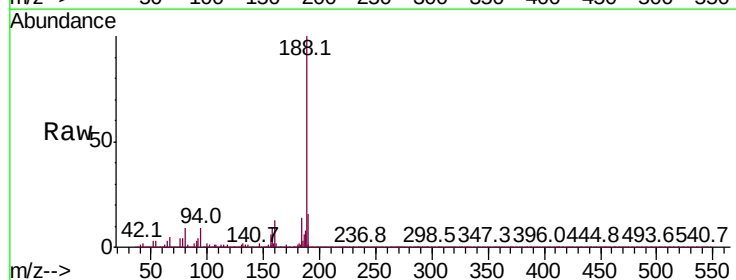
Instrument :
BNA_P
ClientSampleId :

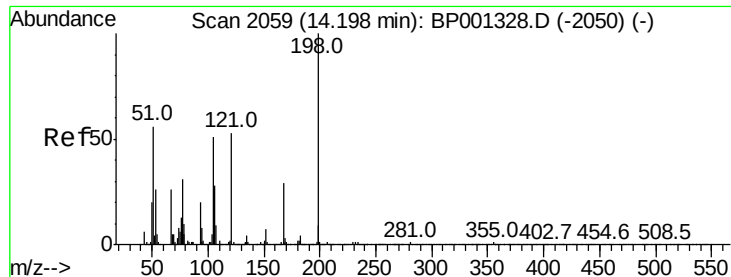
Tot Ion:	77	Resp:	488340
Ion	Ratio	Lower	Upper
77	100		
182	22.0	2.0	42.0
105	18.5	0.0	38.1
51	39.5	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:	188	Resp:	187059
Ion	Ratio	Lower	Upper
188	100		
94	8.7	6.6	10.0
80	9.1	7.8	11.6

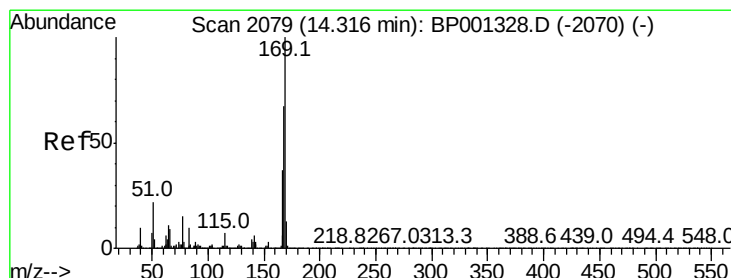
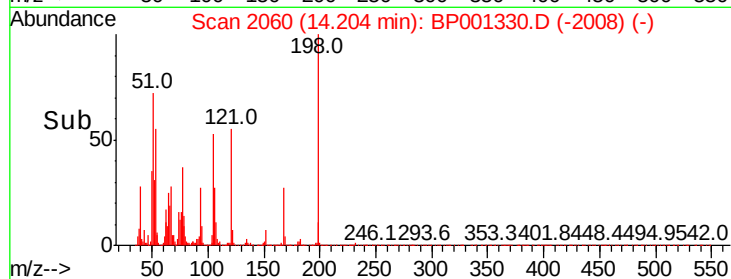
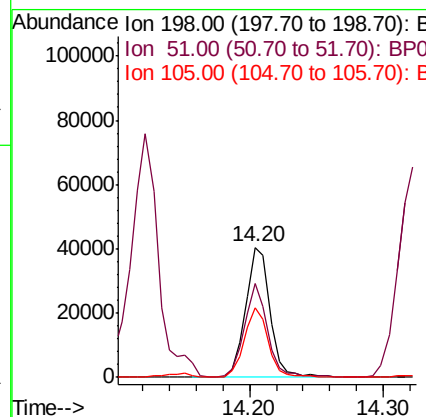
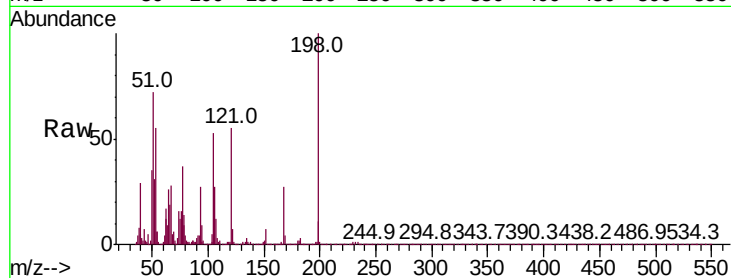




#65
4,6-Dinitro-2-methylphenol
Concen: 68.035 ng
RT: 14.20 min Scan# 2060
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

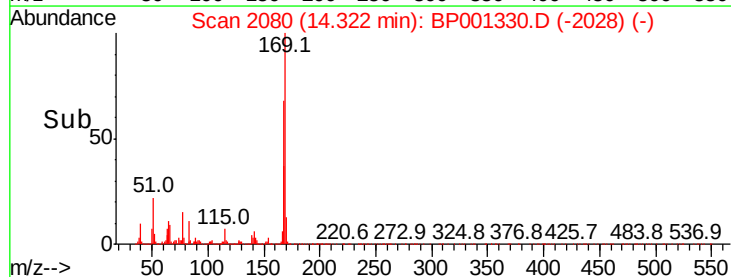
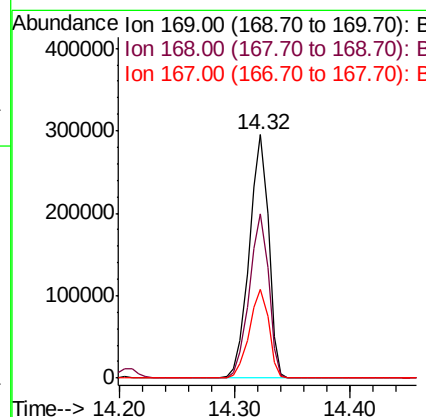
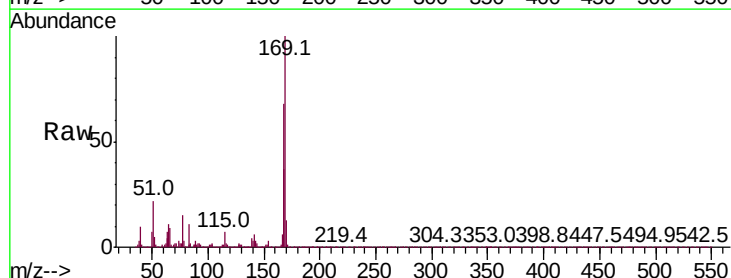
Instrument :
BNA_P
ClientSampleId :

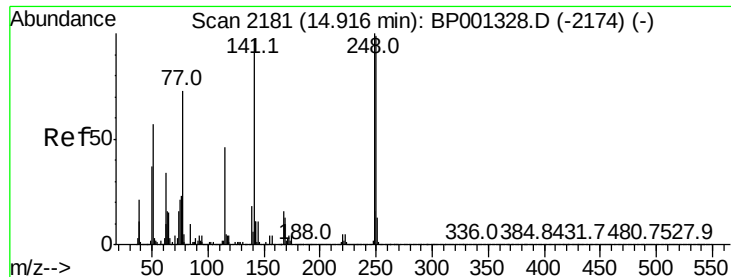
Tot Ion	Ratio	Lower	Upper
198	100		
51	72.0	47.4	87.4
105	53.5	33.1	73.1



#66
n-Nitrosodiphenylamine
Concen: 60.015 ng
RT: 14.32 min Scan# 2080
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.7	53.4	80.2
167	36.7	29.4	44.0

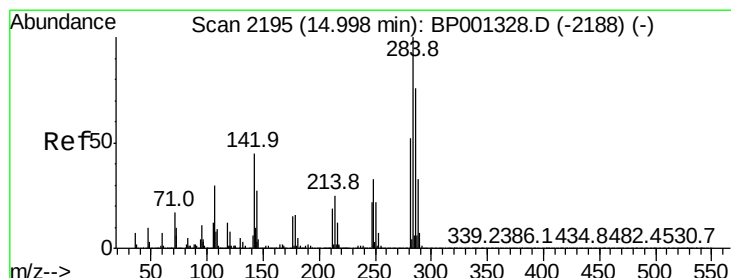
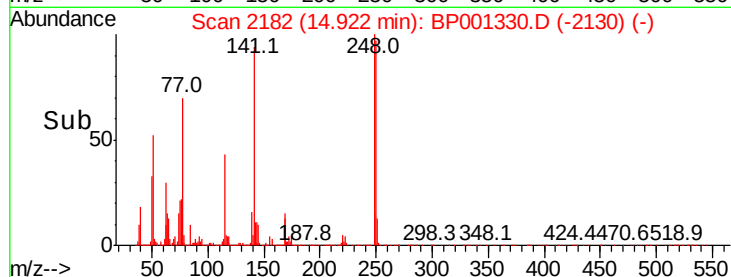
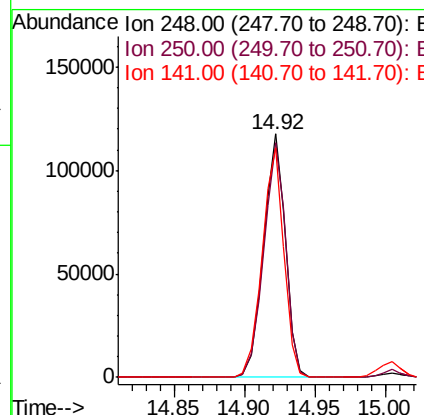
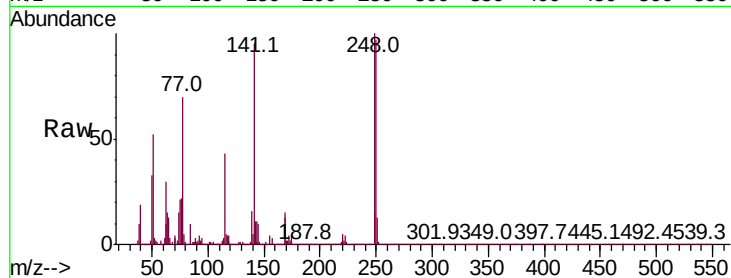




#67
4-Bromophenyl-phenylether
Concen: 63.316 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

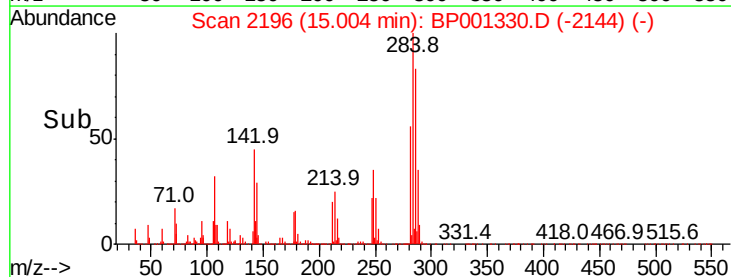
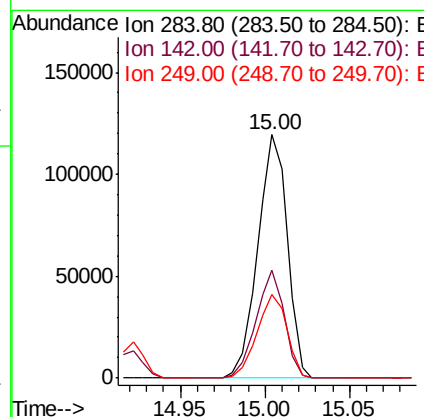
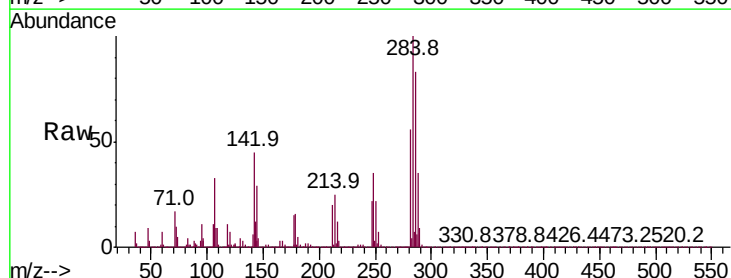
Instrument :
BNA_P
ClientSampleId :

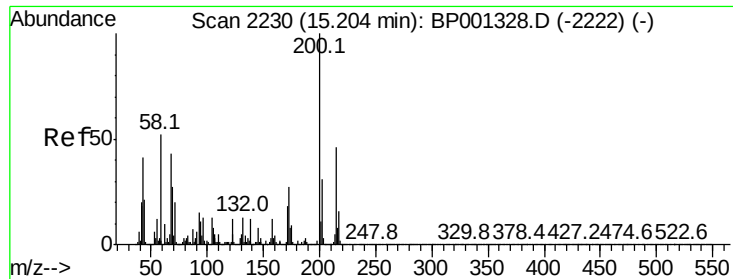
Tot Ion:248 Resp: 128584
Ion Ratio Lower Upper
248 100
250 96.6 79.3 118.9
141 94.5 77.5 116.3



#68
Hexachlorobenzene
Concen: 64.941 ng
RT: 15.00 min Scan# 2196
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion:284 Resp: 144992
Ion Ratio Lower Upper
284 100
142 44.5 36.1 54.1
249 34.6 26.3 39.5

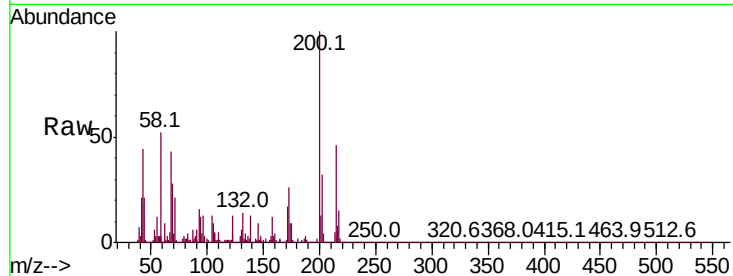




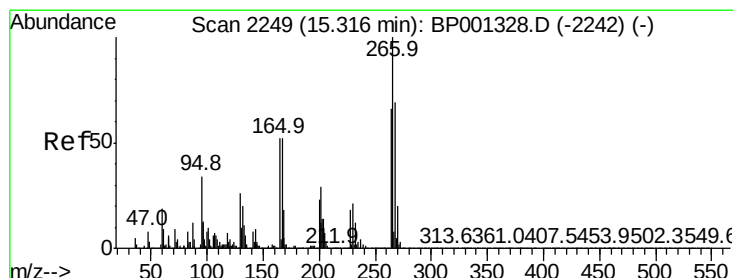
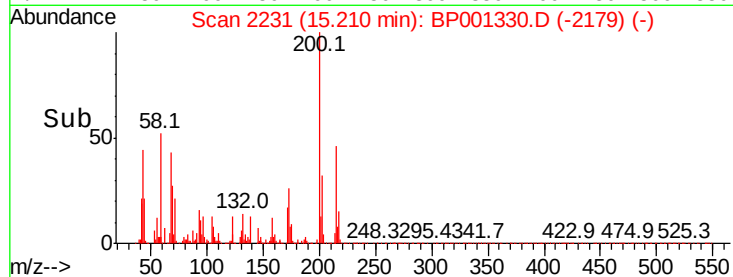
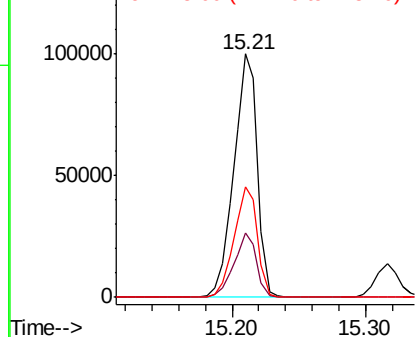
#69
Atrazine
Concen: 70.505 ng
RT: 15.21 min Scan# 2231
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	6.8	46.8
215	45.5	26.1	66.1

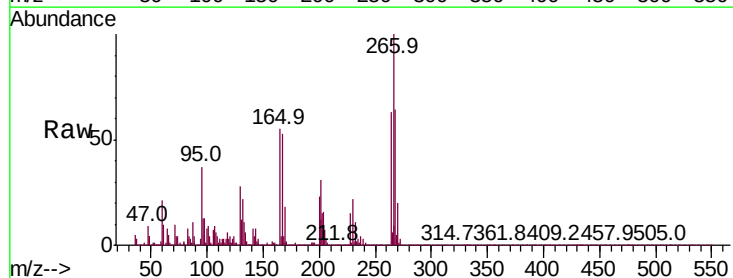


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

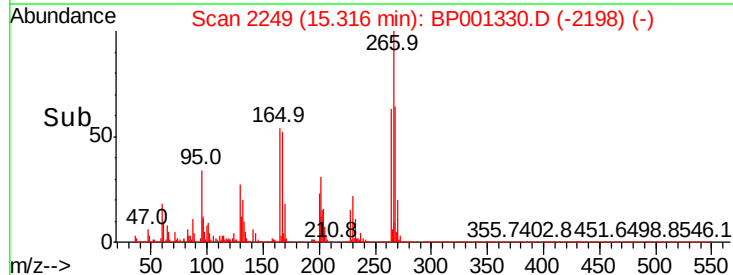
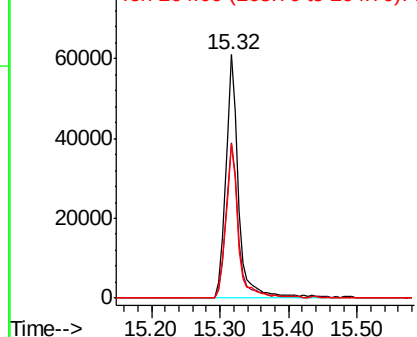


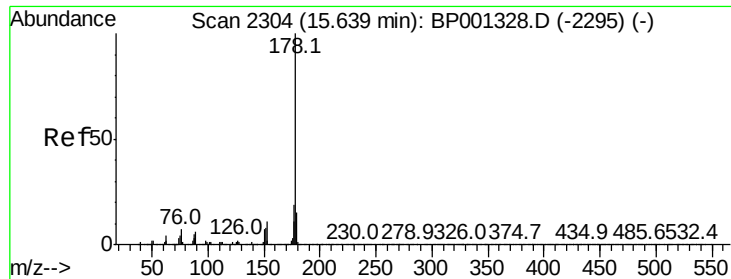
#70
Pentachlorophenol
Concen: 67.635 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	55.4	83.2
264	63.5	53.2	79.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

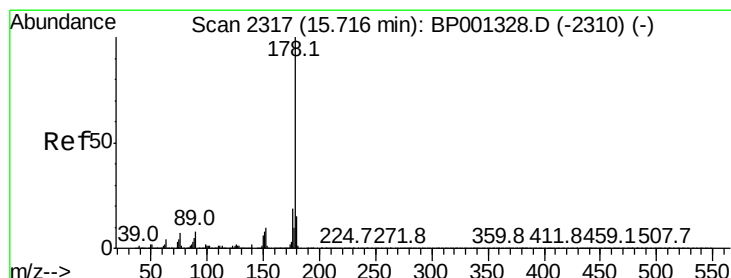
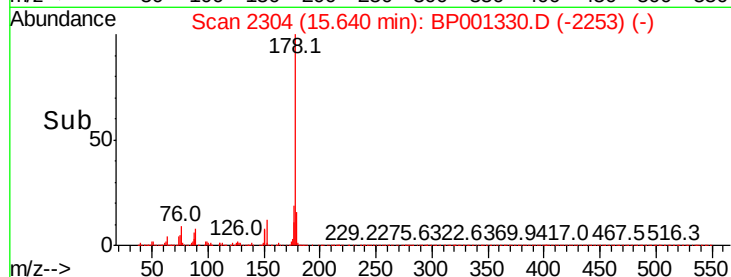
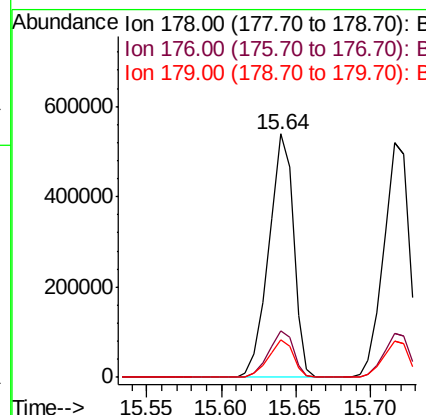
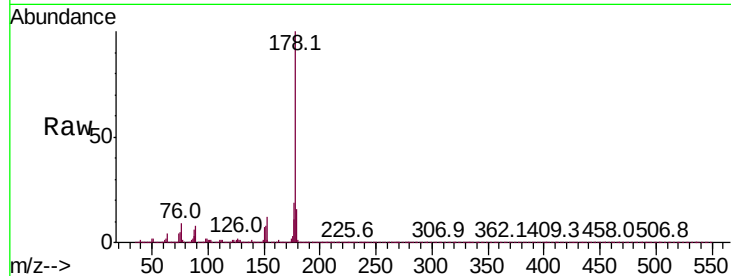




#71
Phenanthrene
Concen: 62.585 ng
RT: 15.64 min Scan# 2304
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

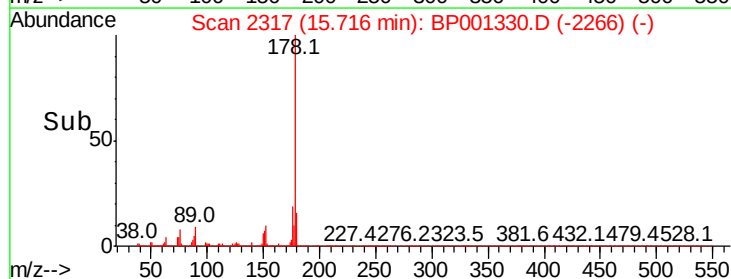
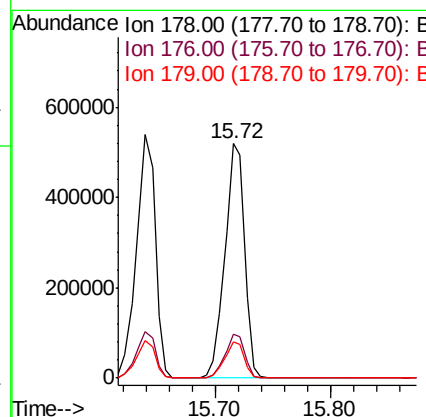
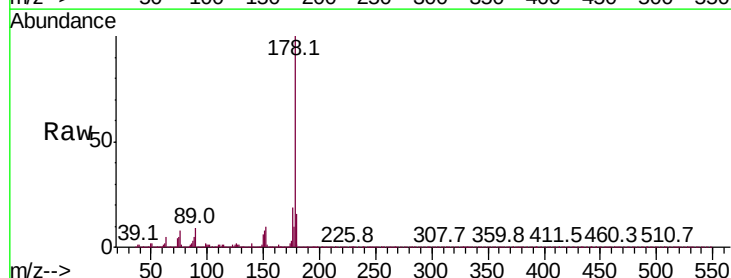
Instrument :
BNA_P
ClientSampleId :

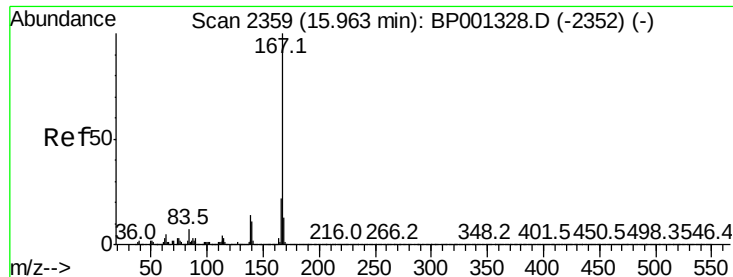
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	15.5	12.0	18.0



#72
Anthracene
Concen: 62.791 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.6	11.9	17.9





#73

Carbazole

Concen: 62.230 ng

RT: 15.96 min Scan# 2359

Delta R.T. 0.00 min

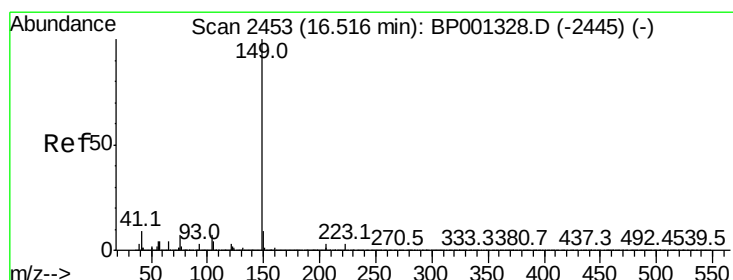
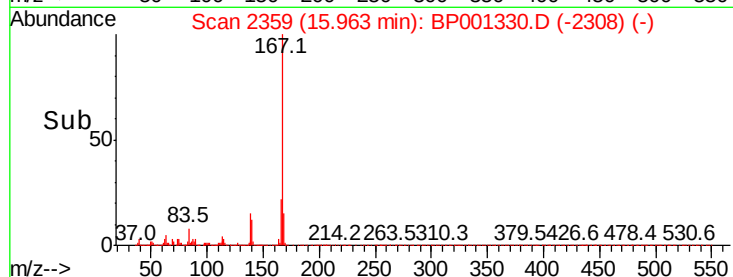
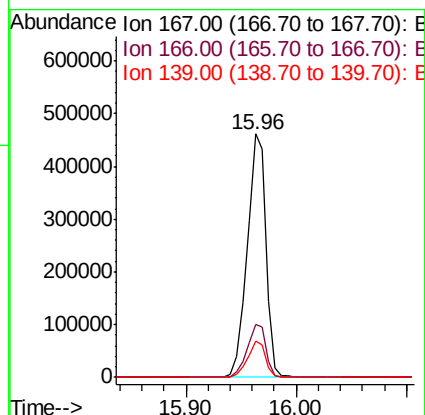
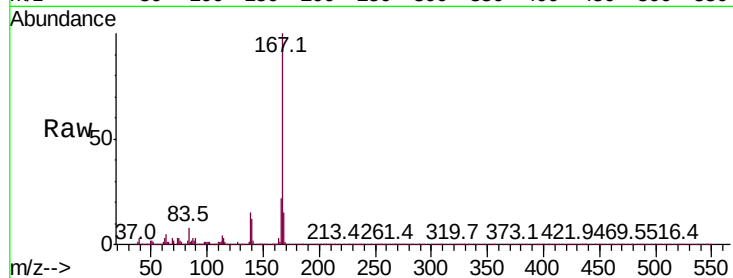
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :
BNA_P
ClientSampleId :

Tot Ion:167 Resp: 548892

Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.6	26.4
139	14.7	11.1	16.7



#74

Di-n-butylphthalate

Concen: 63.468 ng

RT: 16.52 min Scan# 2453

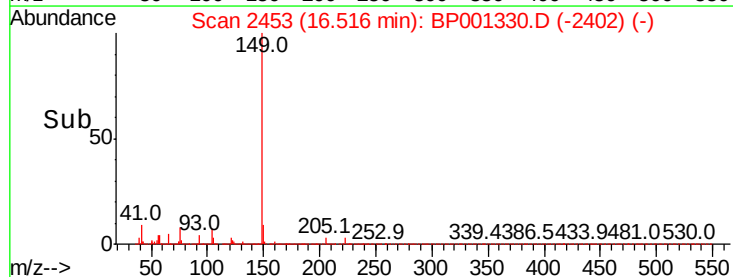
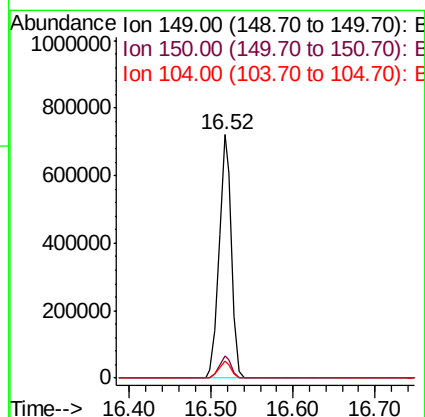
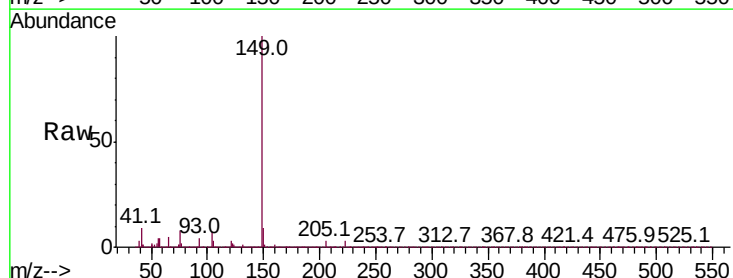
Delta R.T. 0.00 min

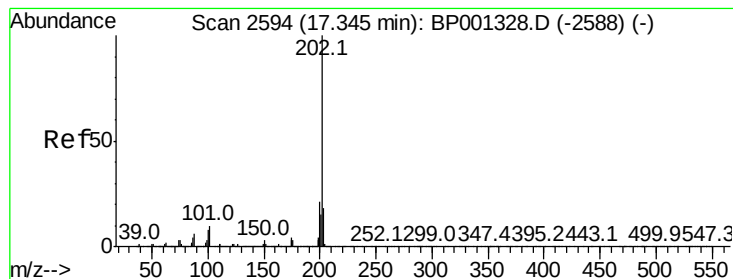
Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:149 Resp: 752682

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	7.2	5.4	8.2





#75

Fluoranthene

Concen: 66.192 ng

RT: 17.35 min Scan# 2595

Delta R.T. 0.01 min

Lab File: BP001330.D

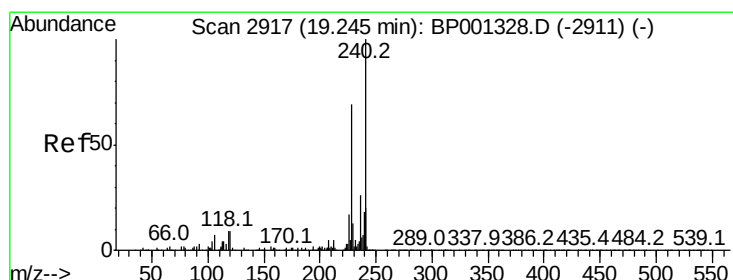
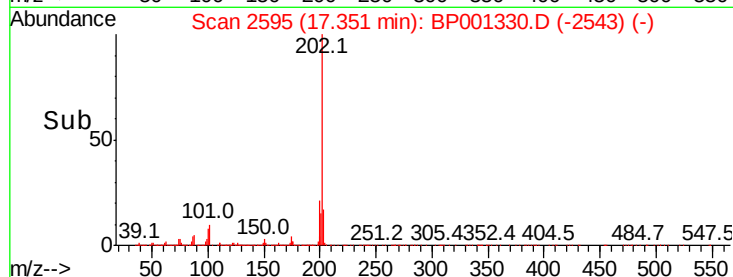
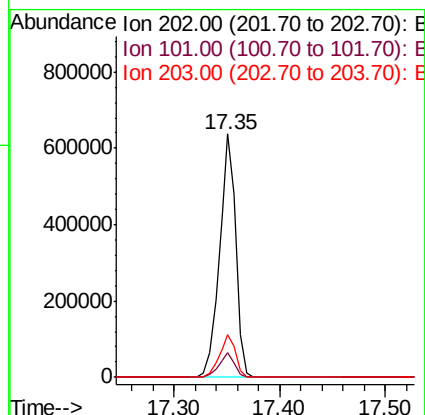
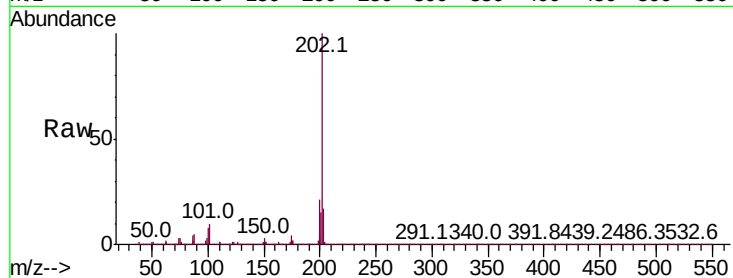
Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	202	Resp:	689138
Ion Ratio	Lower	Upper	
202	100		
101	9.9	0.0	29.9
203	17.4	0.0	37.6



#76

Chrysene-d12

Concen: 20.000 ng

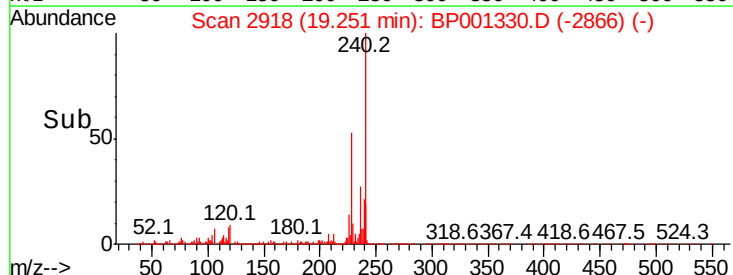
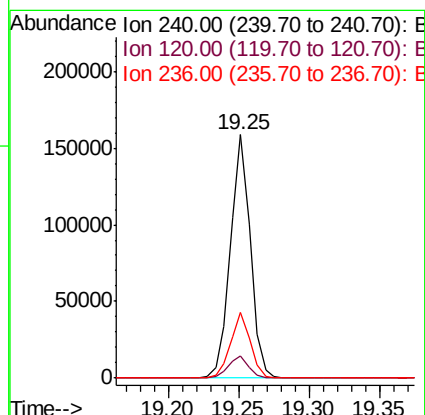
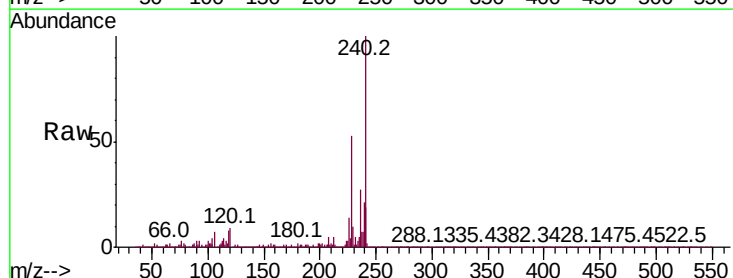
RT: 19.25 min Scan# 2918

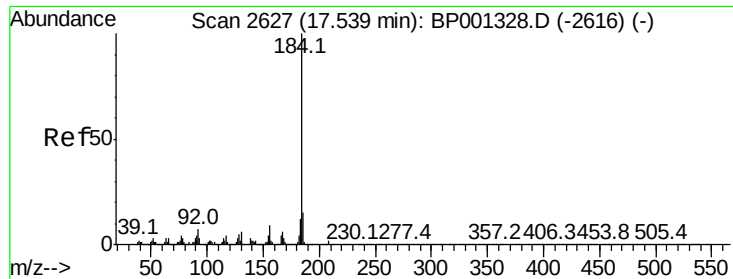
Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:	240	Resp:	156262
Ion Ratio	Lower	Upper	
240	100		
120	9.0	7.6	11.4
236	27.1	21.0	31.4





#77

Benzidine

Concen: 68.319 ng

RT: 17.54 min Scan# 2627

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

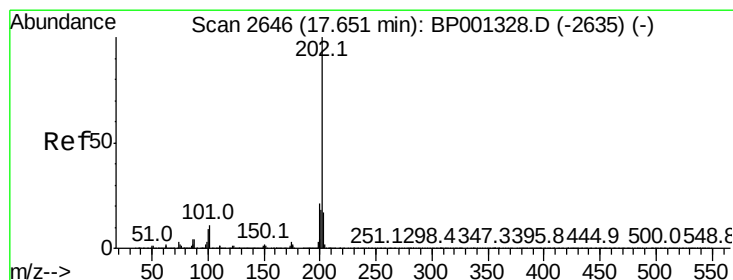
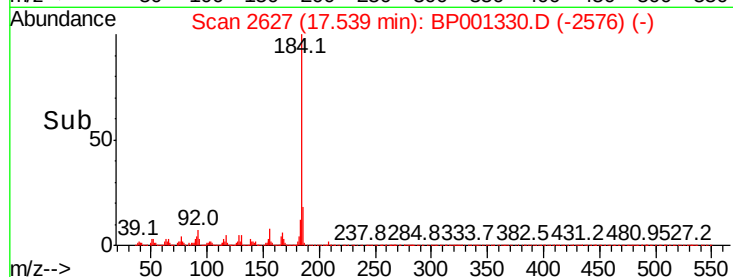
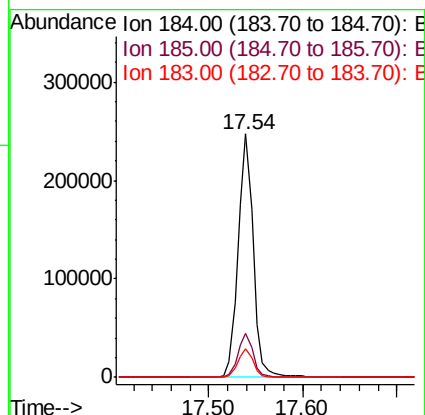
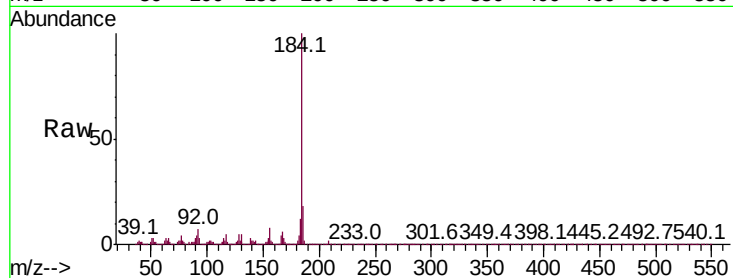
Tot Ion:184 Resp: 275638

Ion Ratio Lower Upper

184 100

185 17.8 11.7 17.5#

183 11.8 9.8 14.8



#78

Pyrene

Concen: 57.359 ng

RT: 17.66 min Scan# 2647

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

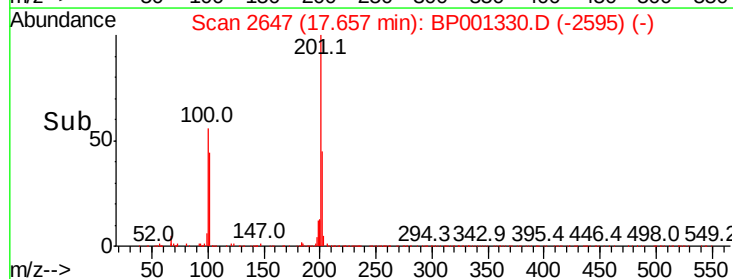
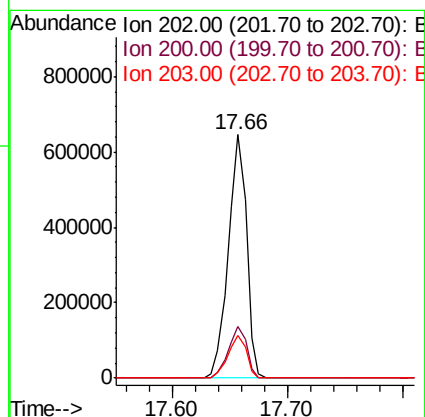
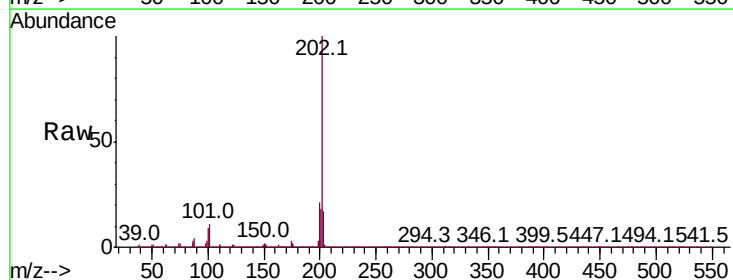
Tgt Ion:202 Resp: 705948

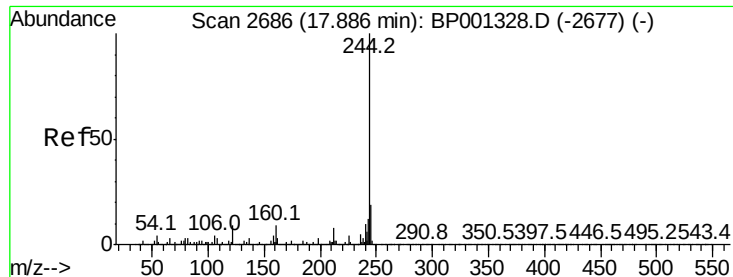
Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 125.906 ng

RT: 17.89 min Scan# 2686

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

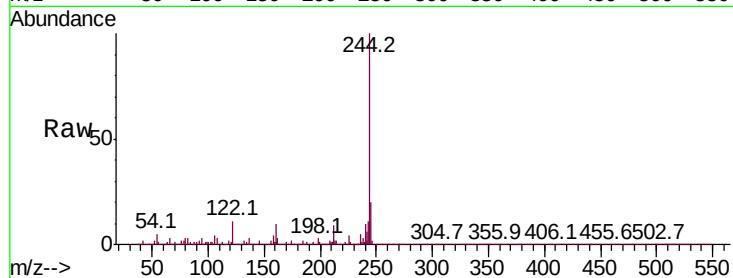
Tot Ion:244 Resp: 1063423

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	9.8
122	11.0	7.6	11.4

244 100

212 8.6 6.6 9.8

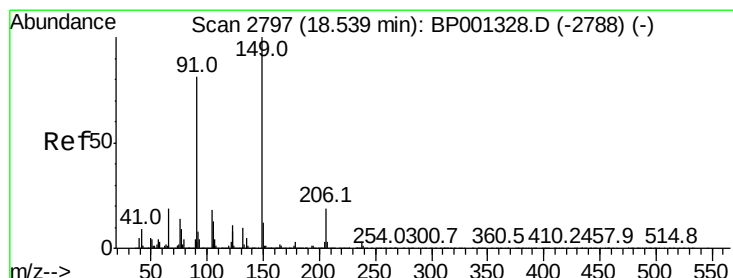
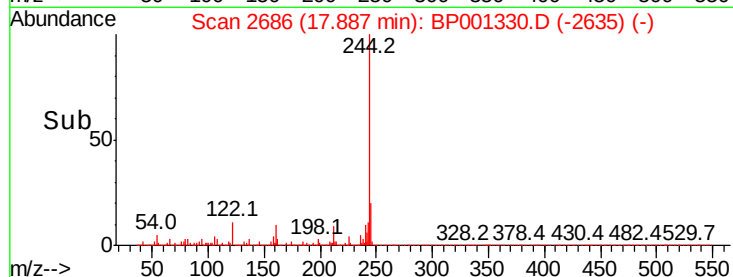
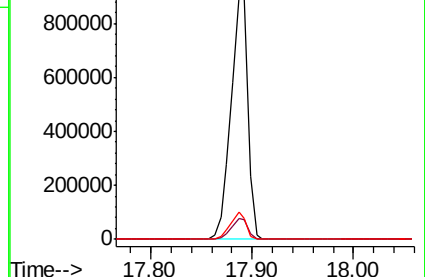
122 11.0 7.6 11.4



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: 57.822 ng

RT: 18.54 min Scan# 2797

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

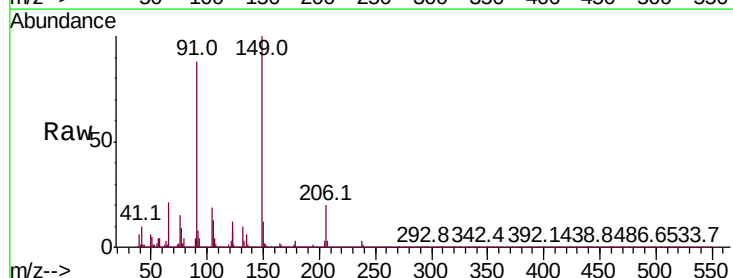
Tgt Ion:149 Resp: 328699

Ion	Ratio	Lower	Upper
149	100		
91	87.7	65.2	97.8
206	19.6	15.6	23.4

149 100

91 87.7 65.2 97.8

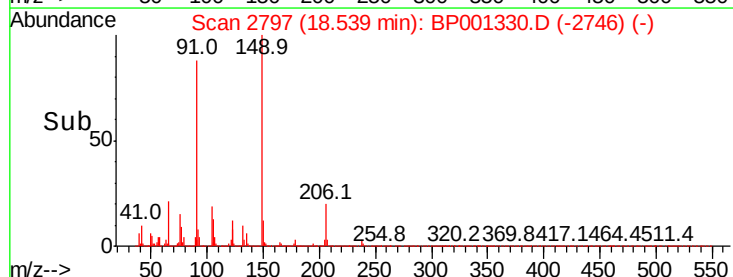
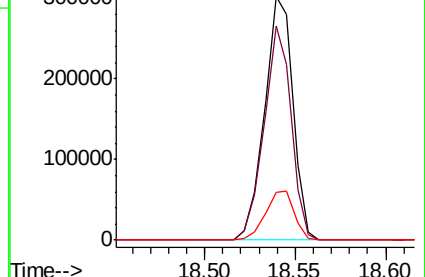
206 19.6 15.6 23.4

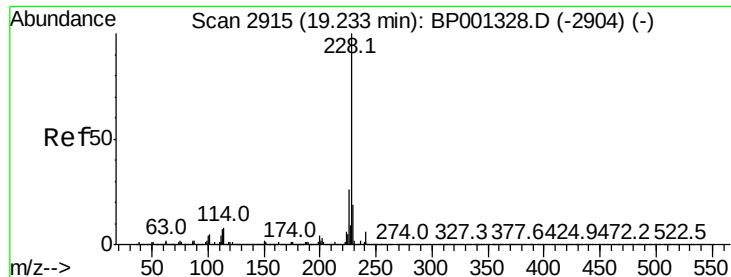


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 60.929 ng

RT: 19.24 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

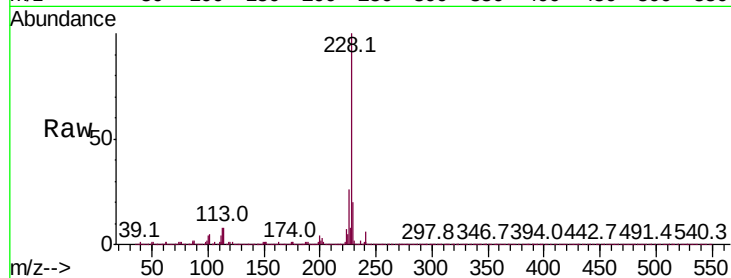
Tot Ion:228 Resp: 660122

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

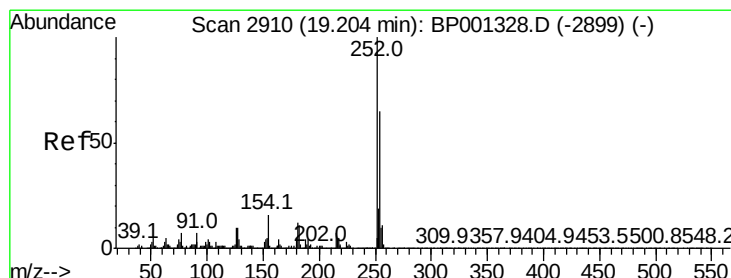
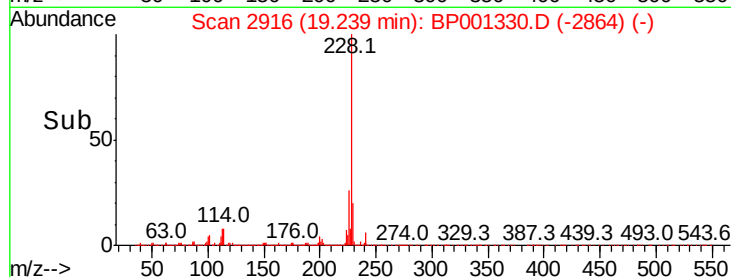
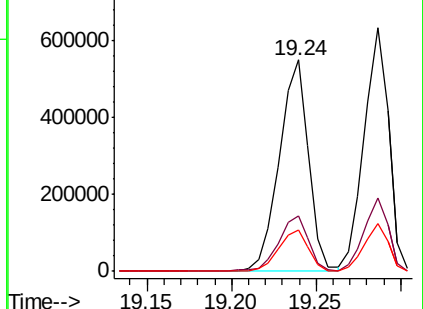
229 19.7 15.4 23.0



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: 63.995 ng

RT: 19.20 min Scan# 2910

Delta R.T. 0.00 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

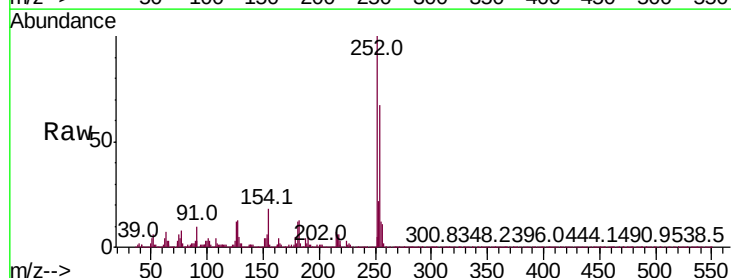
Tgt Ion:252 Resp: 229052

Ion Ratio Lower Upper

252 100

254 66.7 51.8 77.8

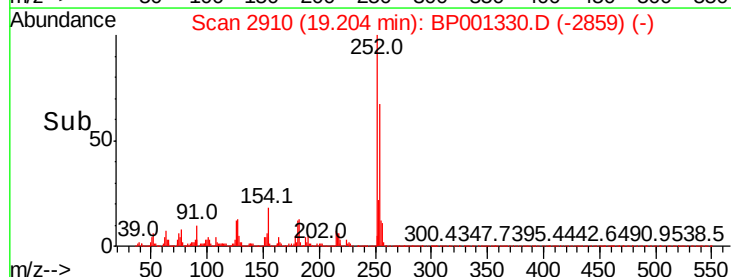
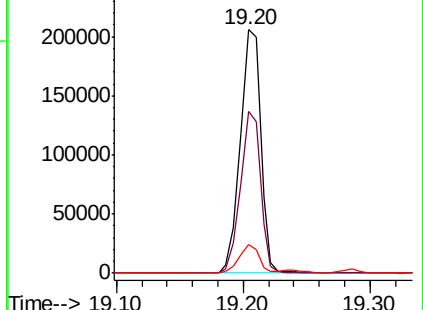
126 11.9 8.2 12.2

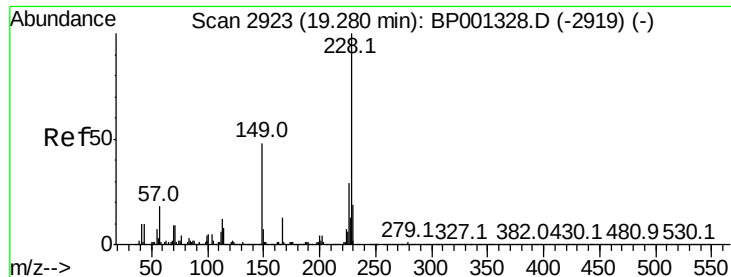


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

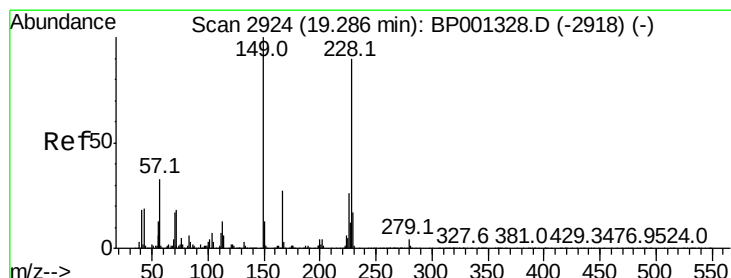
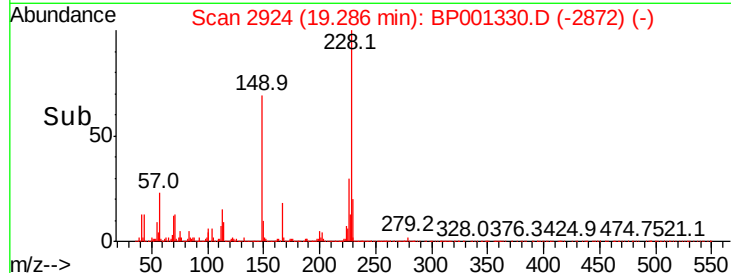
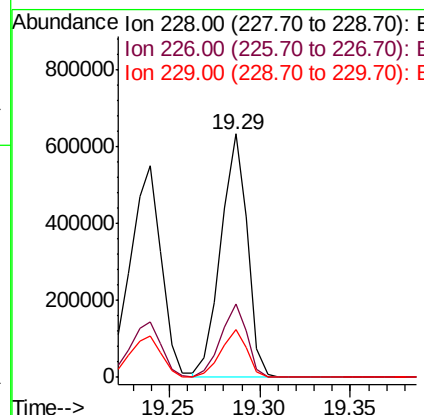
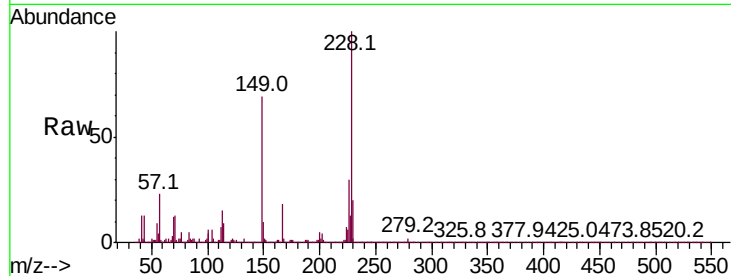




#83
 Chrysene
 Concen: 66.066 ng
 RT: 19.29 min Scan# 2924
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

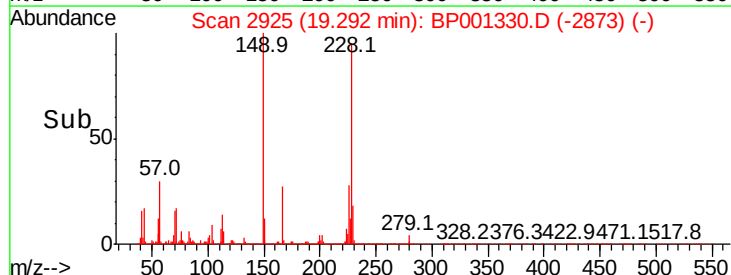
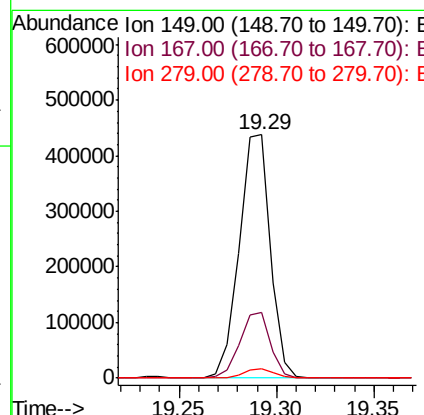
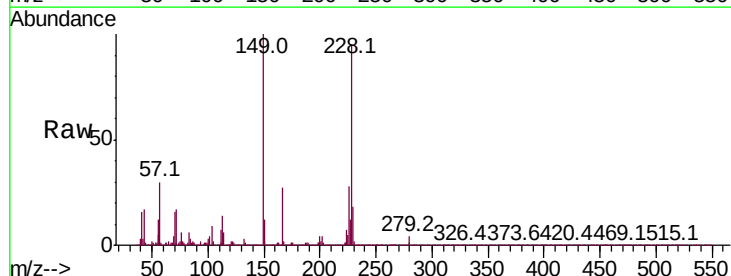
Instrument :
 BNA_P
 ClientSampled :

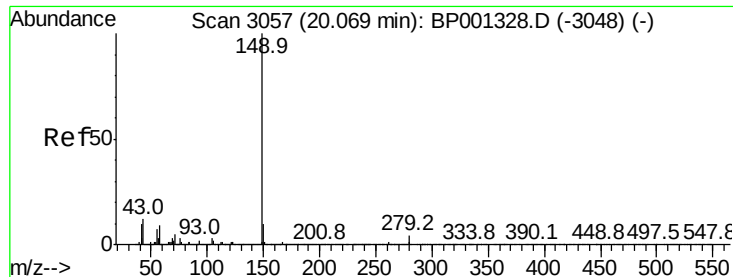
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.1	34.7
229	19.6	15.4	23.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 61.837 ng
 RT: 19.29 min Scan# 2925
 Delta R.T. 0.01 min
 Lab File: BP001330.D
 Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	21.8	32.6
279	4.1	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 58.290 ng

RT: 20.07 min Scan# 3058

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

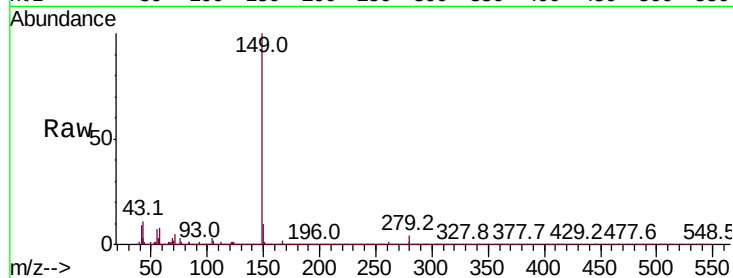
Tot Ion:149 Resp: 809292

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

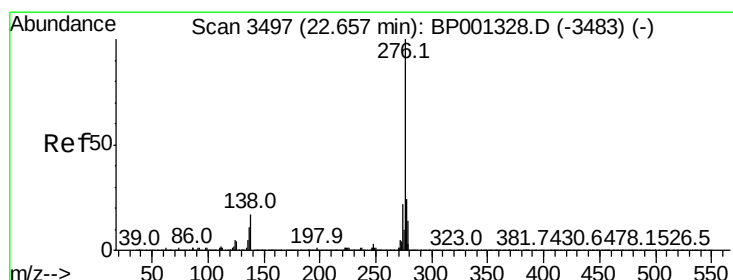
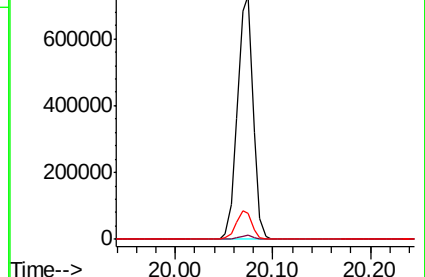
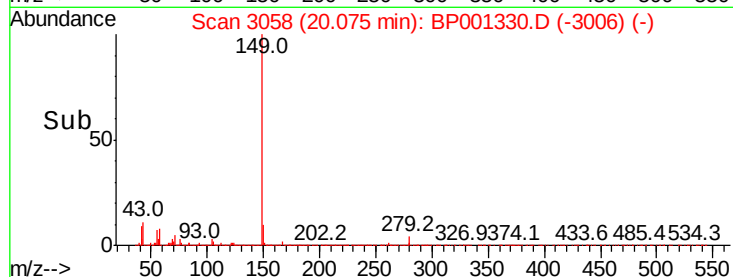
43 11.7 9.4 14.2



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): BPO



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.964 ng

RT: 22.67 min Scan# 3499

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

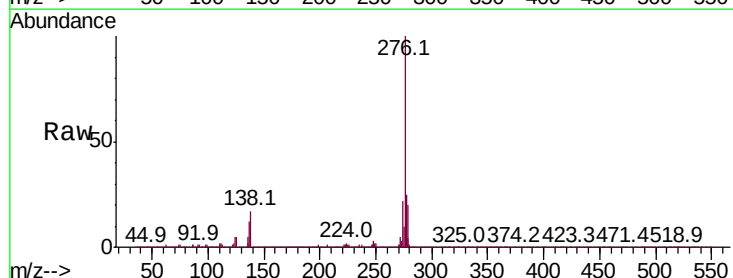
Tgt Ion:276 Resp: 685611

Ion Ratio Lower Upper

276 100

138 19.8 15.8 23.6

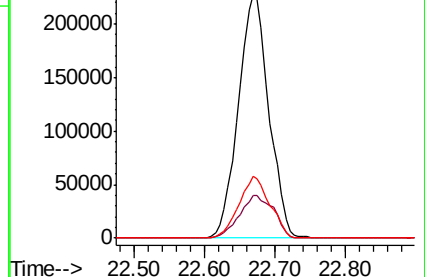
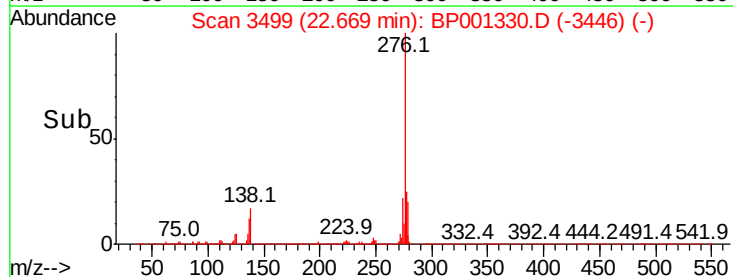
277 25.7 20.2 30.4

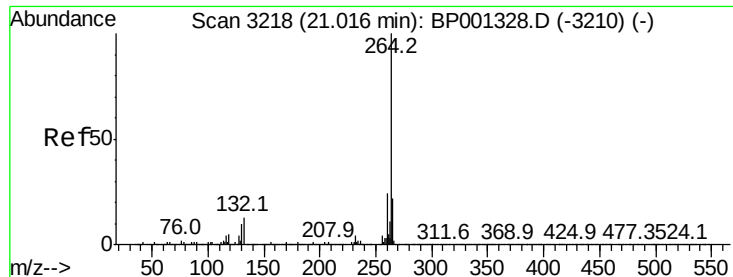


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3219

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Instrument :

BNA_P

ClientSampleId :

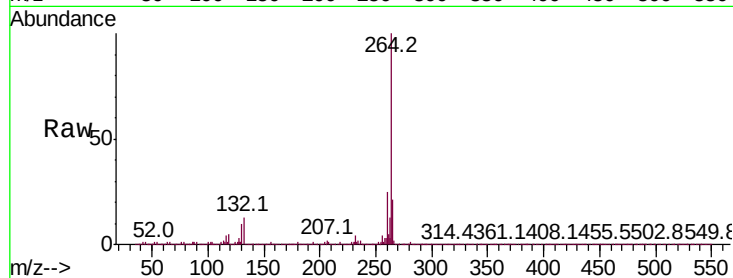
Tot Ion:264 Resp: 166402

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

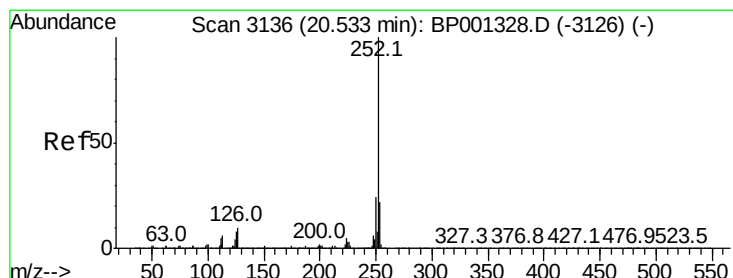
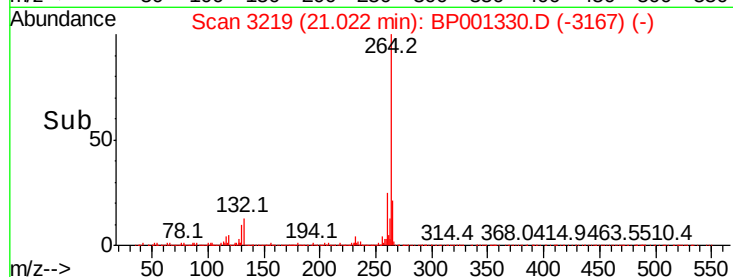
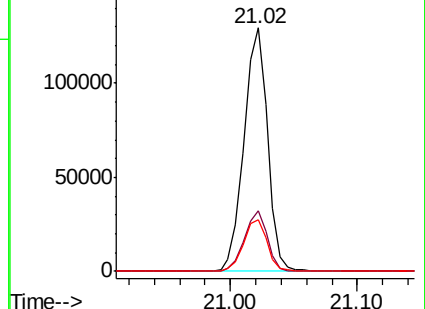
265 21.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 63.622 ng

RT: 20.54 min Scan# 3137

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

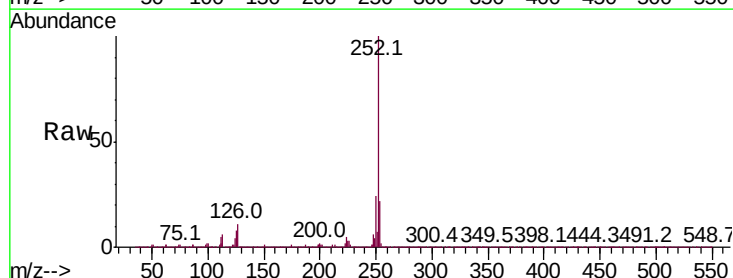
Tgt Ion:252 Resp: 646640

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

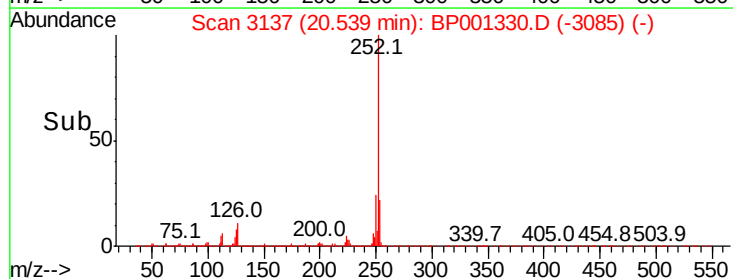
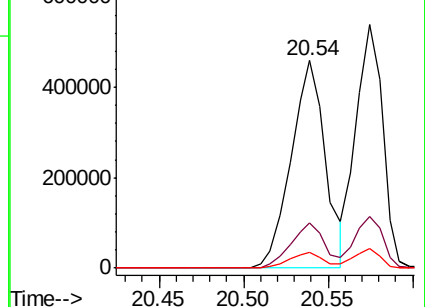
125 7.9 6.3 9.5

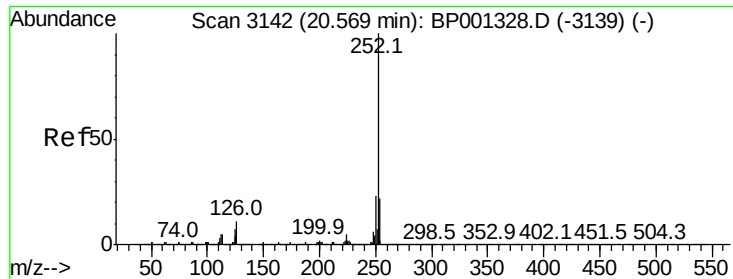


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

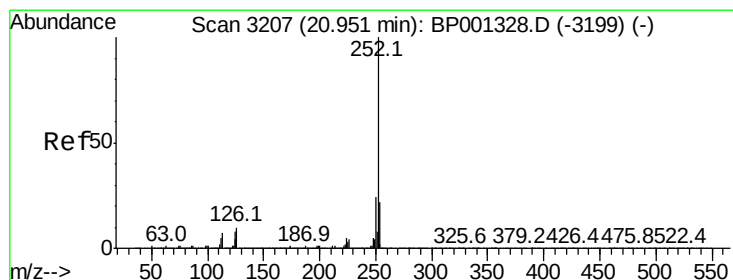
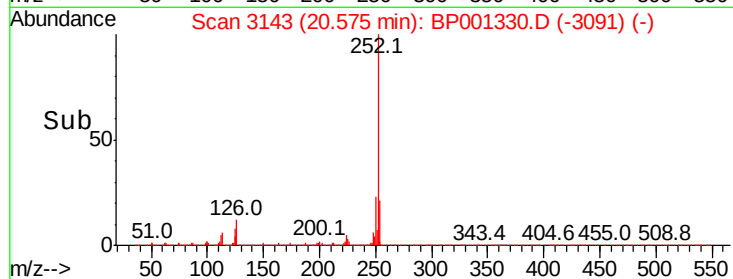
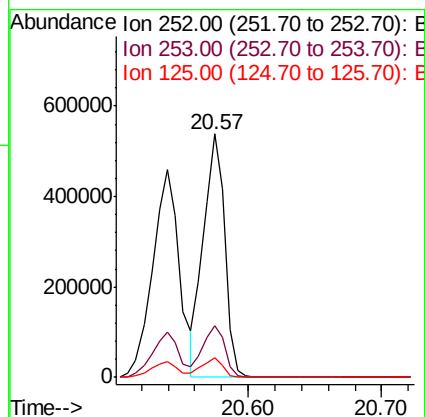
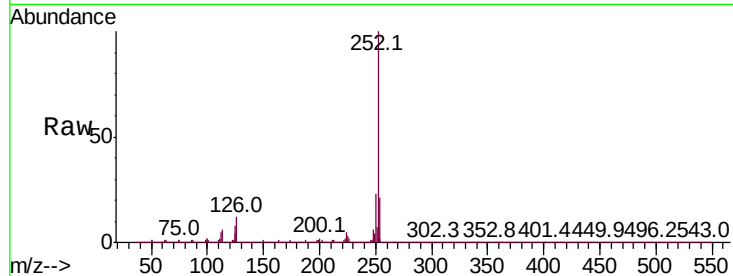




#89
Benzo(k)fluoranthene
Concen: 60.895 ng
RT: 20.57 min Scan# 3143
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

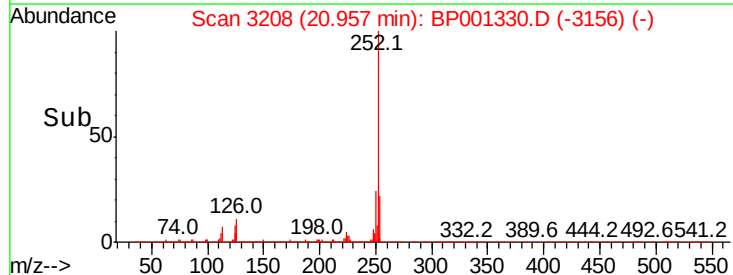
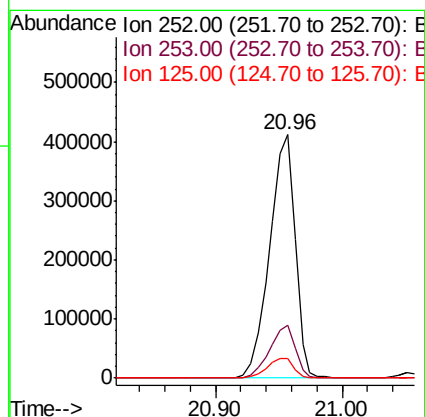
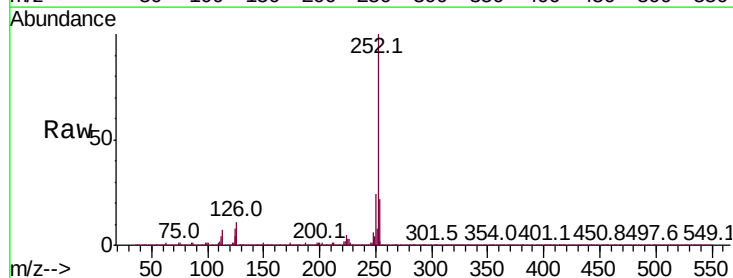
Instrument :
BNA_P
ClientSampleId :

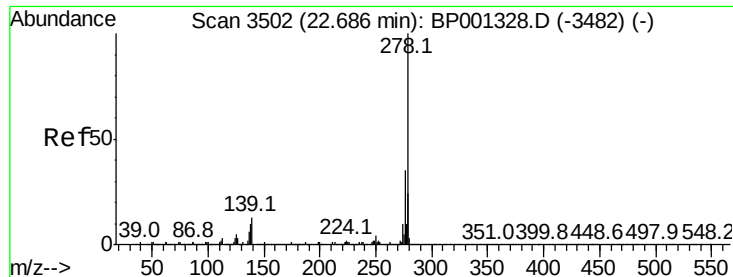
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.4	26.0
125	8.2	5.9	8.9



#90
Benzo(a)pyrene
Concen: 61.517 ng
RT: 20.96 min Scan# 3208
Delta R.T. 0.01 min
Lab File: BP001330.D
Acq: 19 Dec 2019 18:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	8.0	6.3	9.5





#91

Dibenzo(a,h)anthracene

Concen: 61.288 ng

RT: 22.70 min Scan# 3504

Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

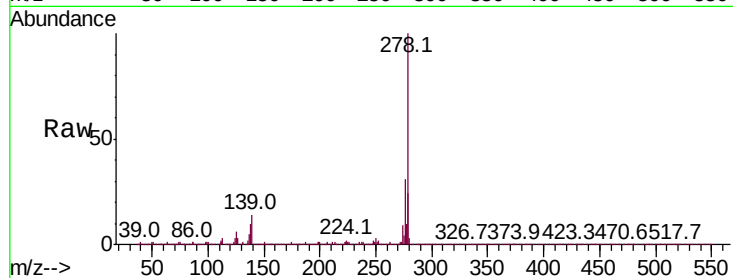
Instrument :

BNA_P

ClientSampleId :

Tot Ion:278 Resp: 561497

Ion	Ratio	Lower	Upper
278	100		
139	13.7	10.3	15.5
279	23.6	19.6	29.4

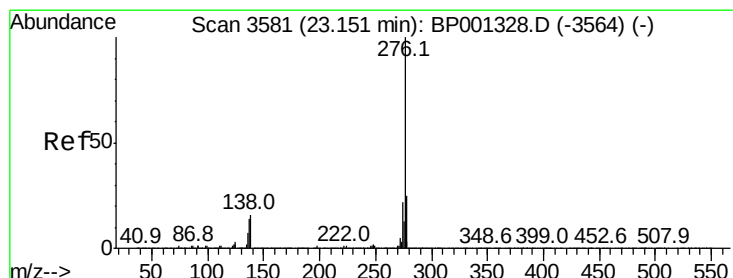
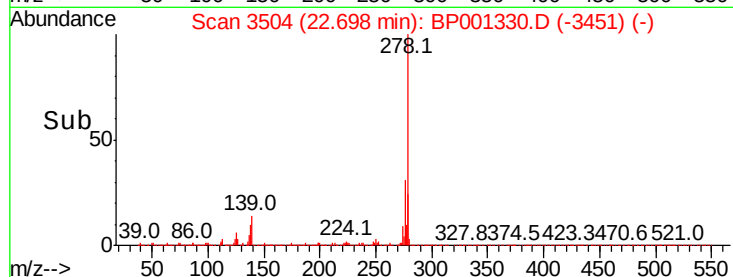
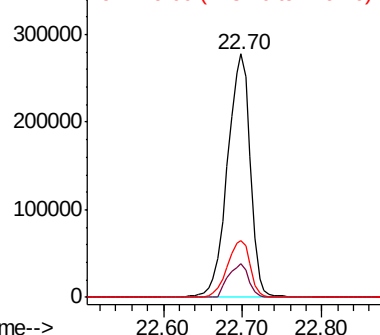


Abundance

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: 59.337 ng

RT: 23.16 min Scan# 3583

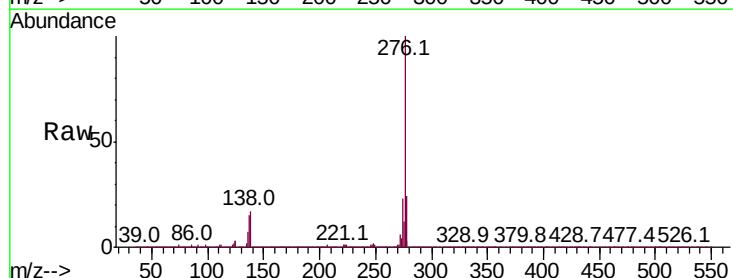
Delta R.T. 0.01 min

Lab File: BP001330.D

Acq: 19 Dec 2019 18:19

Tgt Ion:276 Resp: 536803

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.6	29.4
138	17.4	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

