

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001416.D
 Acq On : 26 Dec 2019 12:27
 Operator : JU
 Sample : PB125704BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:45:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28804	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	109665	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	66425	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	136651	20.00	ng	0.00
76) Chrysene-d12	19.23	240	108188	20.00	ng	0.00
87) Perylene-d12	20.99	264	80241	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	196103	110.03	ng	0.01
7) Phenol-d6	7.75	99	260010	111.81	ng	0.00
23) Nitrobenzene-d5	9.17	82	196625	68.85	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	93514	112.60	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	382804	72.87	ng	0.00
79) Terphenyl-d14	17.87	244	492603	77.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	25701	35.041	ng	96
3) Pyridine	3.42	79	61553	30.721	ng	99
4) n-Nitrosodimethylamine	3.33	42	52936	41.725	ng	100
6) Aniline	7.76	93	76431	26.108	ng	# 85
8) 2-Chlorophenol	7.95	128	77858	43.454	ng	97
9) Benzaldehyde	7.58	77	22148	13.576	ng	99
10) Phenol	7.77	94	109186	41.091	ng	88
11) bis(2-Chloroethyl)ether	7.89	93	74885	39.836	ng	98
12) 1,3-Dichlorobenzene	8.19	146	89221	39.978	ng	99
13) 1,4-Dichlorobenzene	8.31	146	91299	40.154	ng	97
14) 1,2-Dichlorobenzene	8.55	146	89505	41.320	ng	96
15) Benzyl Alcohol	8.52	79	89404	40.972	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.75	45	100603	33.792	ng	96
17) 2-Methylphenol	8.72	107	69154	43.678	ng	98
18) Hexachloroethane	9.09	117	36800	38.046	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	65398	39.613	ng	98
20) 3+4-Methylphenols	8.97	107	89841	42.760	ng	98
22) Acetophenone	8.93	105	127038	36.632	ng	# 99
24) Nitrobenzene	9.20	77	104392	37.141	ng	98
25) Isophorone	9.59	82	174484	37.998	ng	99
26) 2-Nitrophenol	9.71	139	42651	42.555	ng	98
27) 2,4-Dimethylphenol	9.81	122	68984	46.797	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	94637	34.507	ng	98
29) 2,4-Dichlorophenol	10.11	162	74516	40.825	ng	100
30) 1,2,4-Trichlorobenzene	10.24	180	86032	38.319	ng	95
31) Naphthalene	10.36	128	236757	39.550	ng	100
32) Benzoic acid	10.01	122	40585	35.512	ng	91
33) 4-Chloroaniline	10.45	127	52796	21.566	ng	98
34) Hexachlorobutadiene	10.57	225	54968	35.102	ng	94
35) Caprolactam	11.02	113	16817	30.963	ng	98
36) 4-Chloro-3-methylphenol	11.27	107	84350	39.545	ng	99
37) 2-Methylnaphthalene	11.49	142	169823	41.092	ng	98
38) 1-Methylnaphthalene	11.65	142	161068	41.455	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	92290	37.576	ng	98

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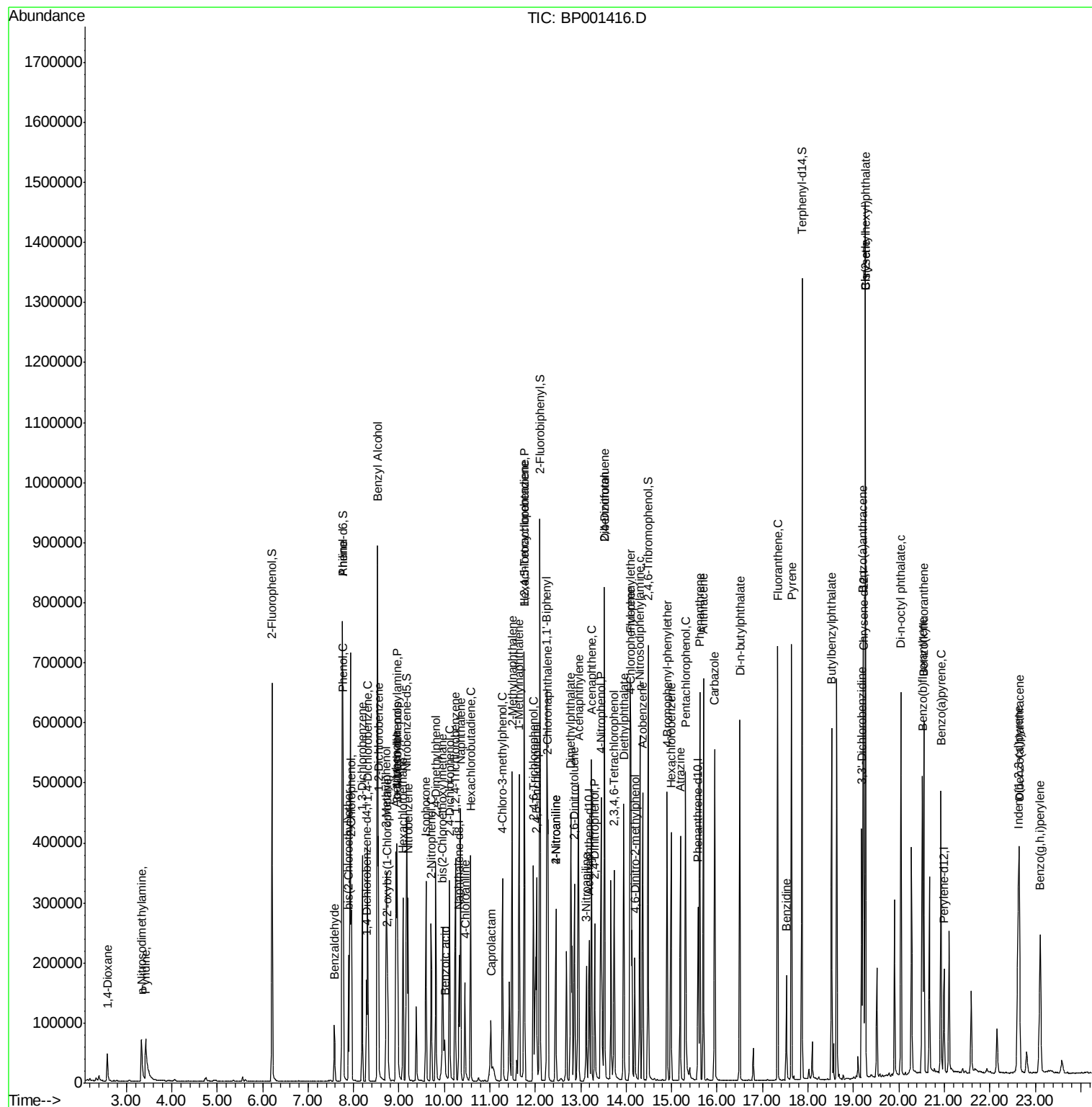
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.76	237	75792	62.393	nq	99
43) 2,4,6-Trichlorophenol	11.96	196	60208	39.860	nq	100
44) 2,4,5-Trichlorophenol	12.03	196	63091	40.653	nq	98
46) 1,1'-Biphenyl	12.26	154	215455	38.760	nq	99
47) 2-Chloronaphthalene	12.28	162	168146	37.418	nq	98
48) 2-Nitroaniline	12.45	65	64602	35.902	nq	98
49) Acenaphthylene	12.95	152	264180	40.216	nq	99
50) Dimethylphthalate	12.78	163	205515	37.713	nq	98
51) 2,6-Dinitrotoluene	12.86	165	45552	41.167	nq	93
52) Acenaphthene	13.24	154	154119	38.940	nq	97
53) 3-Nitroaniline	13.12	138	29757	25.055	nq	98
54) 2,4-Dinitrophenol	13.31	184	40332	94.394	nq	98
55) Dibenzofuran	13.52	168	249655	40.259	nq	99
56) 4-Nitrophenol	13.45	139	67958	80.022	nq	92
57) 2,4-Dinitrotoluene	13.52	165	63273	41.141	nq	92
58) Fluorene	14.09	166	200678	40.460	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.73	232	53188	39.918	nq	# 94
60) Diethylphthalate	13.95	149	203918	36.280	nq	99
61) 4-Chlorophenyl-phenylether	14.10	204	104865	40.220	nq	99
62) 4-Nitroaniline	12.45	138	51598	37.517	nq	88
63) Azobenzene	14.36	77	218774	36.972	nq	96
65) 4,6-Dinitro-2-methylphenol	14.19	198	29662	48.467	nq	90
66) n-Nitrosodiphenylamine	14.30	169	171791	39.654	nq	99
67) 4-Bromophenyl-phenylether	14.90	248	61080	37.806	nq	# 88
68) Hexachlorobenzene	14.99	284	69650	37.868	nq	97
69) Atrazine	15.19	200	60036	38.580	nq	98
70) Pentachlorophenol	15.30	266	72487	76.850	nq	96
71) Phenanthrene	15.62	178	301150	38.627	nq	99
72) Anthracene	15.70	178	307291	39.815	nq	99
73) Carbazole	15.95	167	267566	38.885	nq	98
74) Di-n-butylphthalate	16.50	149	334551	35.430	nq	99
75) Fluoranthene	17.33	202	341794	39.207	nq	99
77) Benzidine	17.52	184	73891	23.458	nq	99
78) Pyrene	17.64	202	342360	40.757	nq	100
80) Butylbenzylphthalate	18.52	149	138022	35.244	nq	97
81) Benzo(a)anthracene	19.22	228	307160	38.963	nq	100
82) 3,3'-Dichlorobenzidine	19.19	252	98427	35.955	nq	99
83) Chrysene	19.26	228	295190	38.793	nq	99
84) Bis(2-ethylhexyl)phthalate	19.26	149	201917	35.137	nq	100
85) Di-n-octyl phthalate	20.04	149	324153	34.034	nq	98
86) Indeno(1,2,3-cd)pyrene	22.63	276	286606	34.875	nq	97
88) Benzo(b)fluoranthene	20.52	252	290847	55.192	nq	99
89) Benzo(k)fluoranthene	20.55	252	258003	51.397	nq	99
90) Benzo(a)pyrene	20.93	252	244509	50.934	nq	99
91) Dibenzo(a,h)anthracene	22.65	278	248744	52.996	nq	99
92) Benzo(g,h,i)perylene	23.12	276	238840	53.252	nq	99

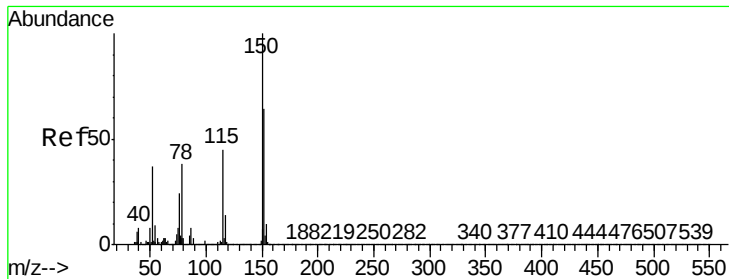
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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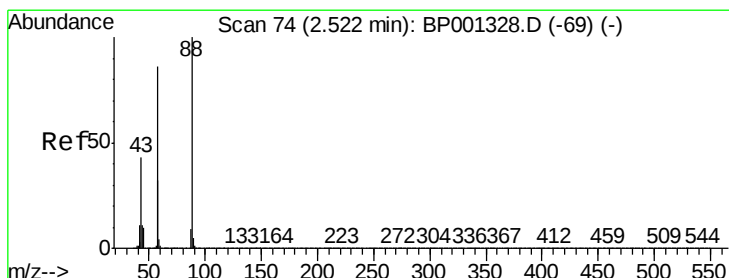
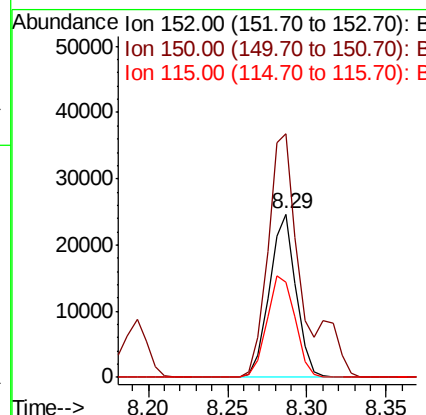
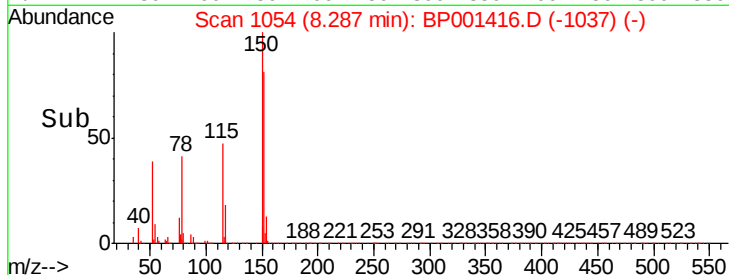
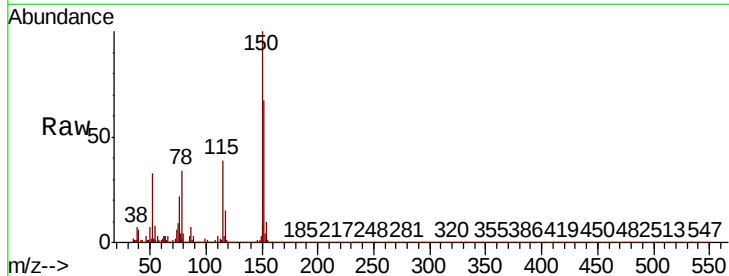




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

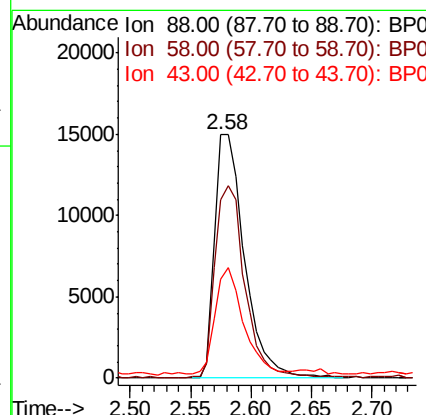
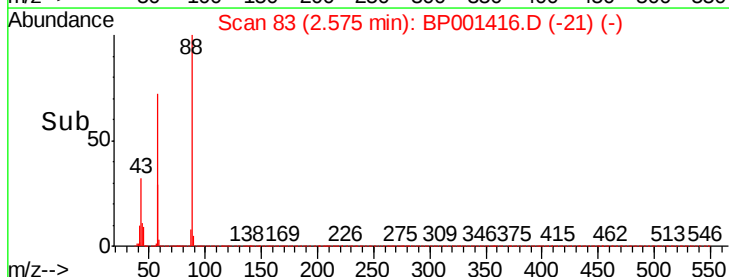
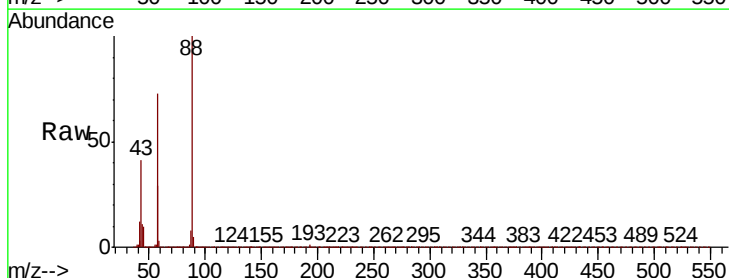
Instrument :
 BNA_P
 ClientSampleId :

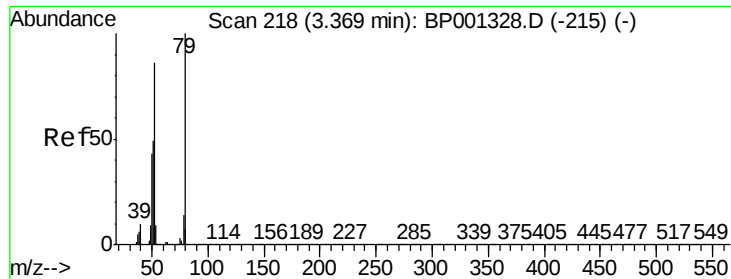
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.2	127.0	190.6
115	58.4	56.1	84.1



#2
 1,4-Dioxane
 Concen: 35.041 ng
 RT: 2.58 min Scan# 83
 Delta R.T. 0.06 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.0	66.9	100.3
43	41.3	32.9	49.3





#3

Pvridine

Concen: 30.721 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.08 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampled :

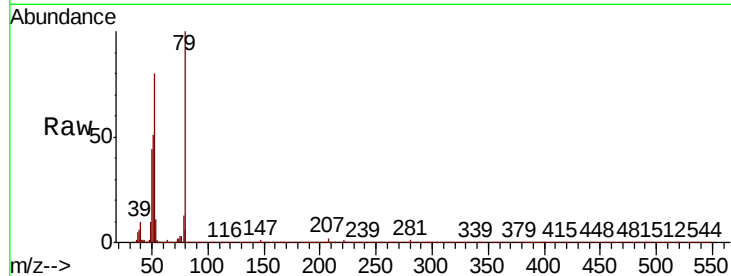
Tot Ion: 79 Resp: 61553

Ion Ratio Lower Upper

79 100

52 79.9 64.6 96.8

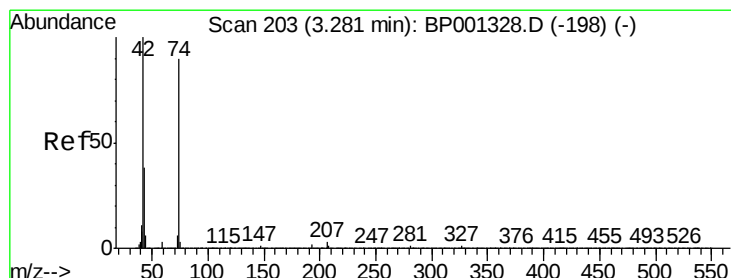
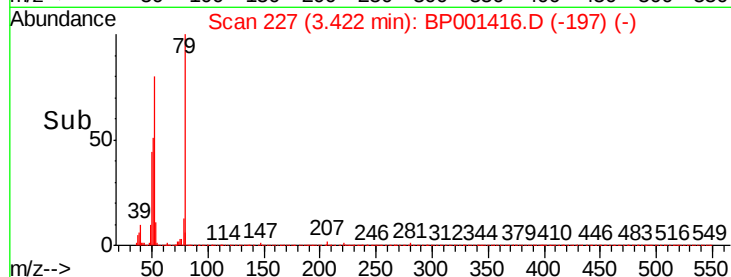
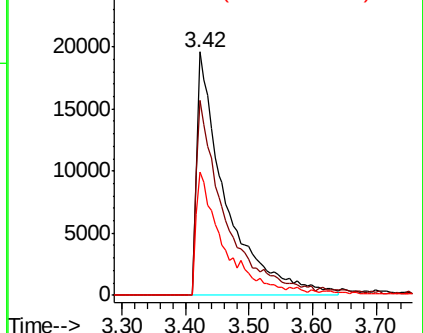
51 50.8 40.2 60.2



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 41.725 ng

RT: 3.33 min Scan# 211

Delta R.T. 0.06 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

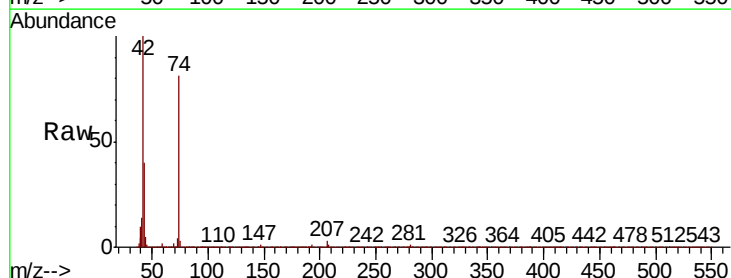
Tgt Ion: 42 Resp: 52936

Ion Ratio Lower Upper

42 100

74 81.2 65.3 97.9

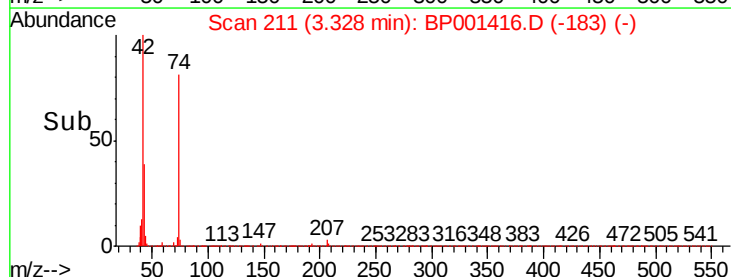
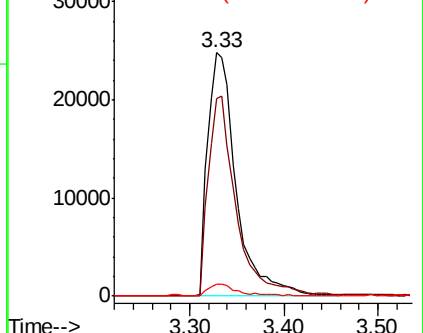
44 4.9 3.8 5.6

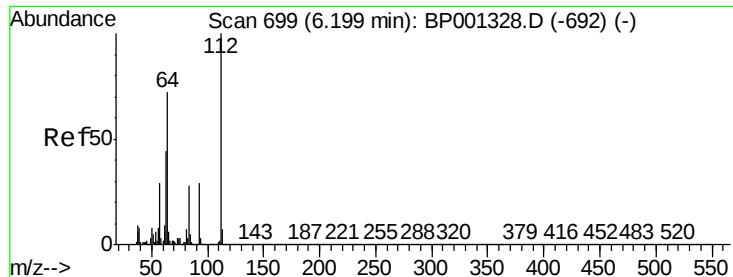


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 110.033 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

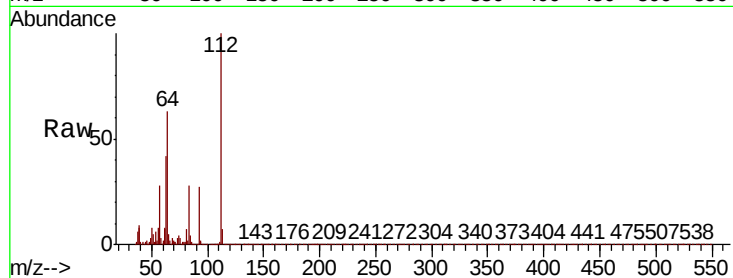
Tot Ion: 112 Resp: 196103

Ion Ratio Lower Upper

112 100

64 62.8 53.9 80.9

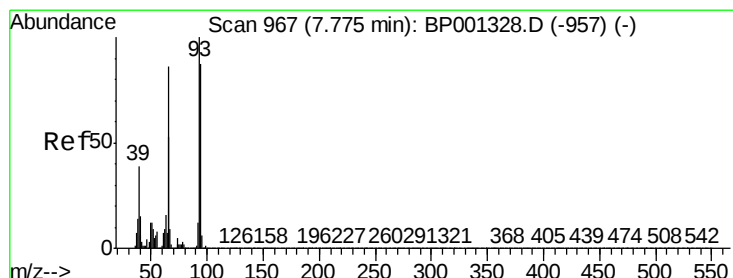
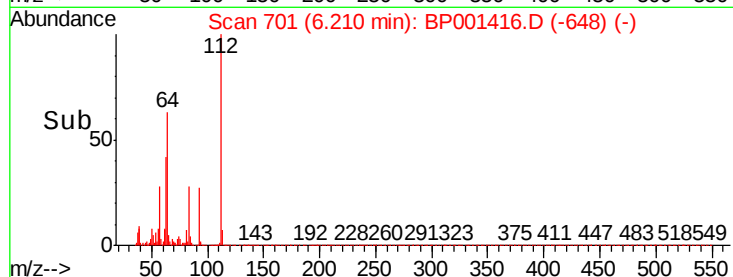
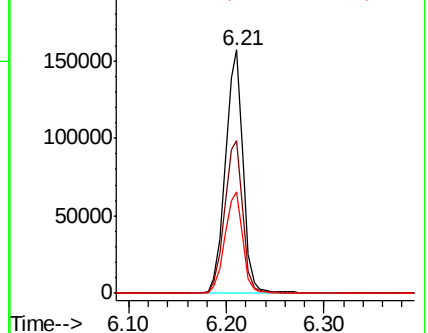
63 41.7 33.4 50.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 26.108 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

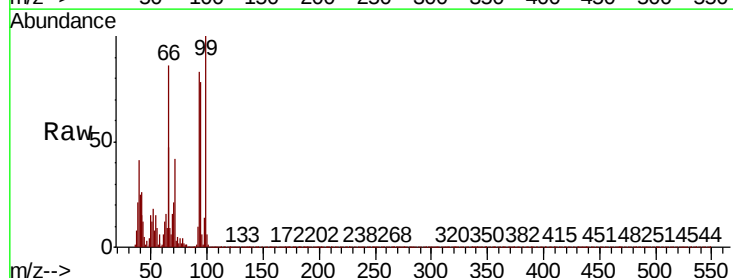
Tgt Ion: 93 Resp: 76431

Ion Ratio Lower Upper

93 100

66 104.4 69.0 103.6#

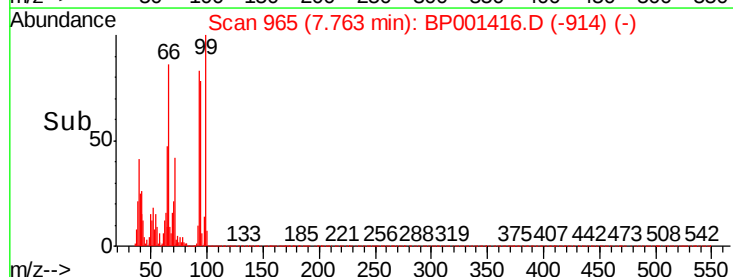
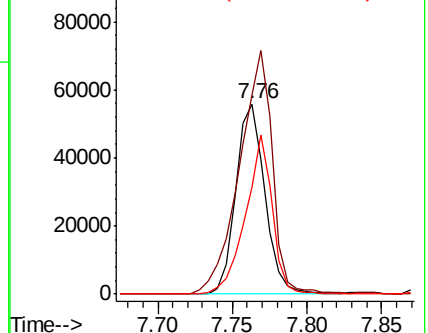
65 56.4 41.1 61.7

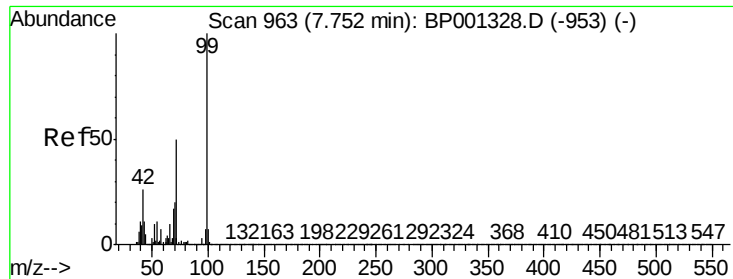


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 111.805 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampled :

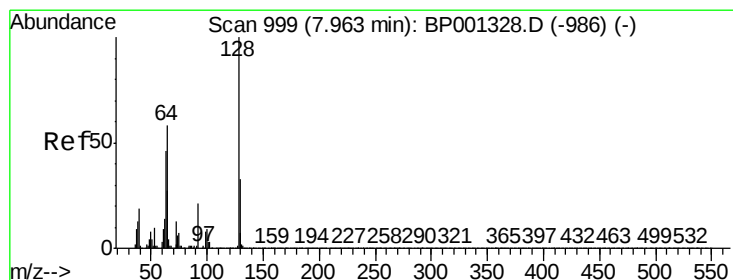
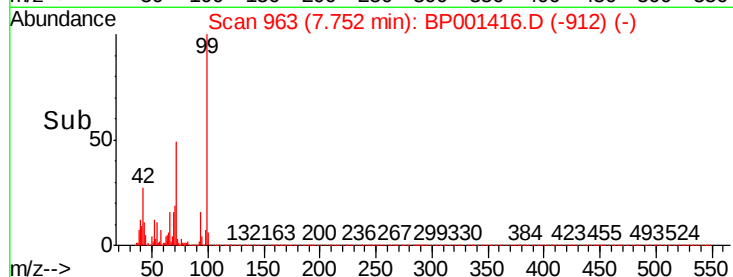
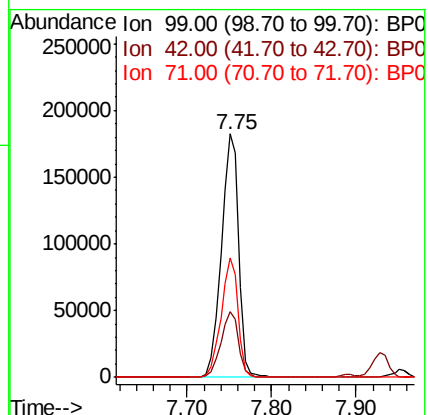
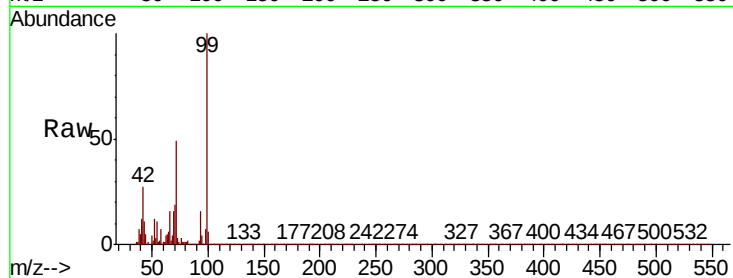
Tot Ion: 99 Resp: 260010

Ion Ratio Lower Upper

99 100

42 27.2 20.8 31.2

71 49.2 38.2 57.4



#8

2-Chlorophenol

Concen: 43.454 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

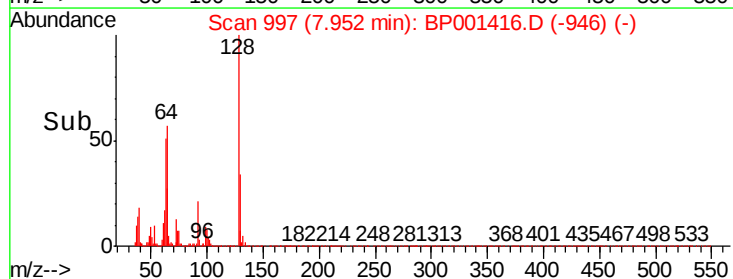
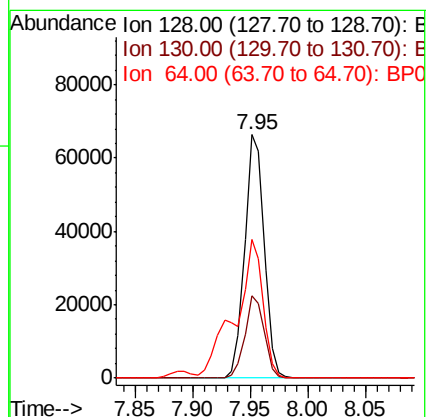
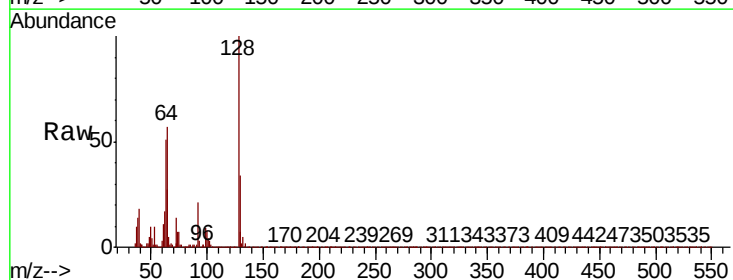
Tgt Ion: 128 Resp: 77858

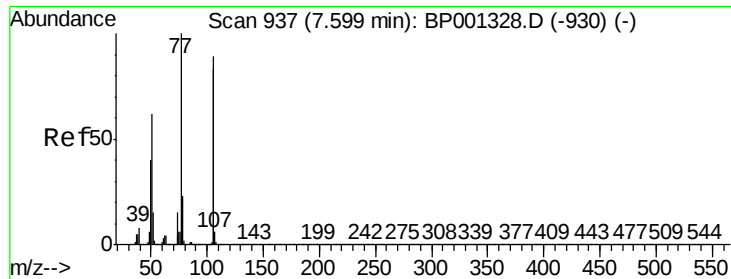
Ion Ratio Lower Upper

128 100

130 33.8 10.7 50.7

64 56.8 37.7 77.7





#9

Benzaldehyde

Concen: 13.576 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

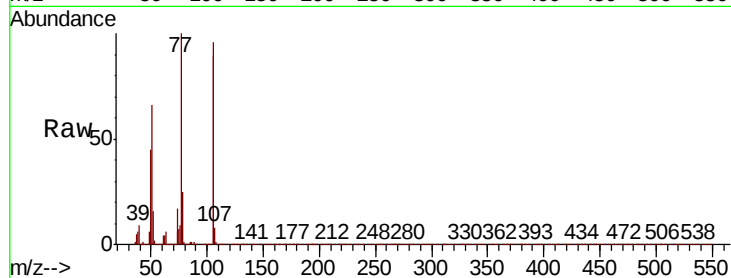
Tot Ion: 77 Resp: 22148

Ion Ratio Lower Upper

77 100

105 95.9 75.7 115.7

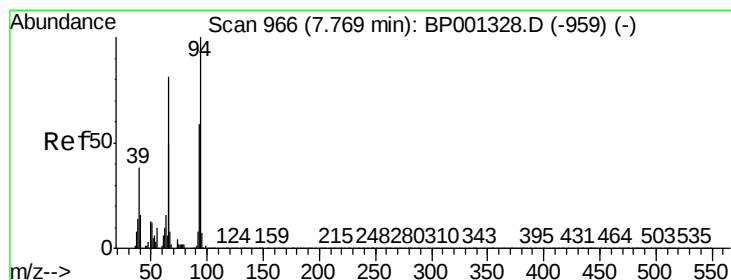
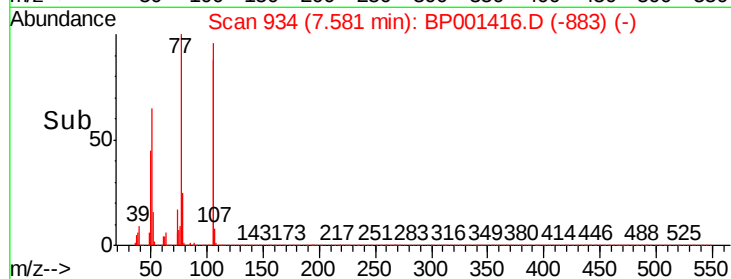
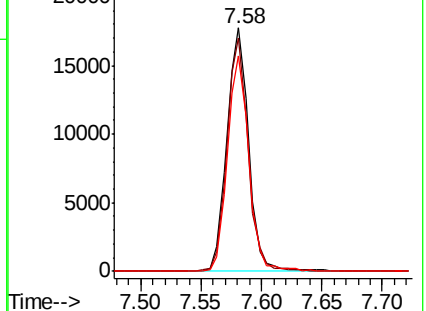
106 88.5 70.5 110.5



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 41.091 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

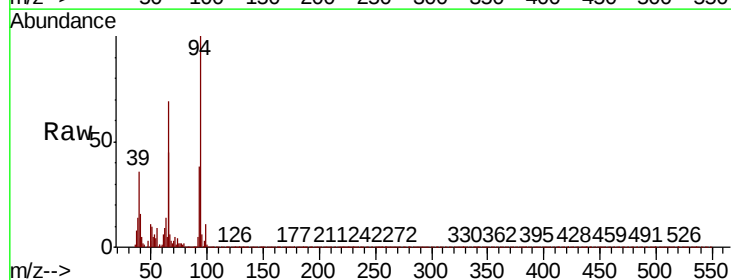
Tgt Ion: 94 Resp: 109186

Ion Ratio Lower Upper

94 100

65 45.1 29.6 69.6

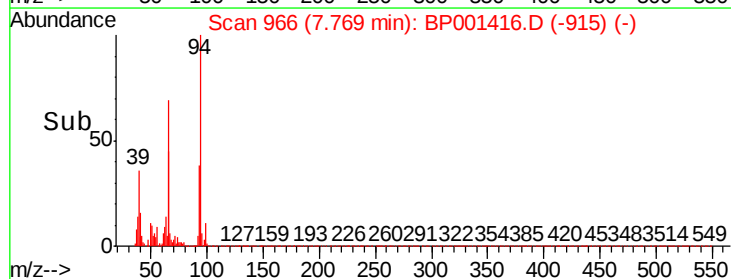
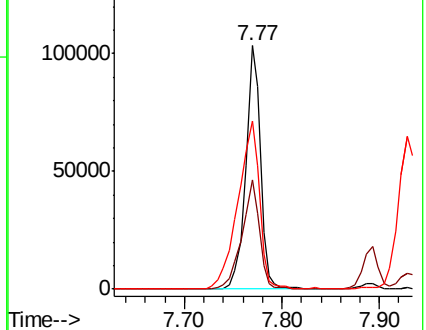
66 69.2 62.3 102.3

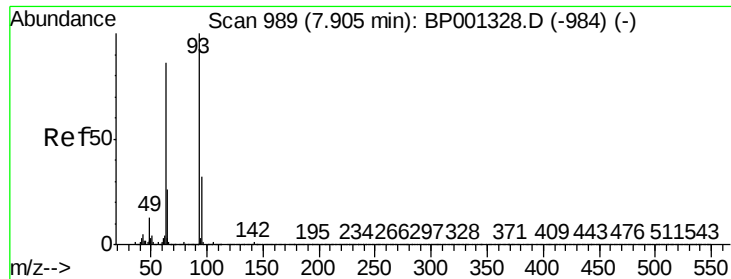


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

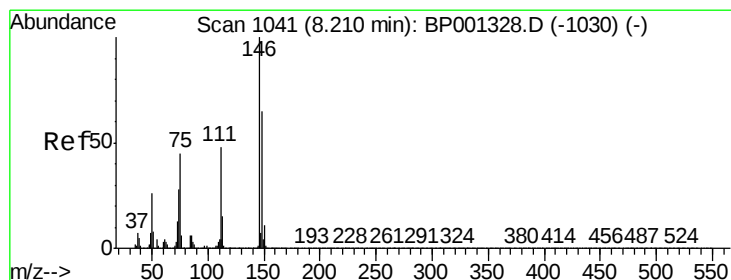
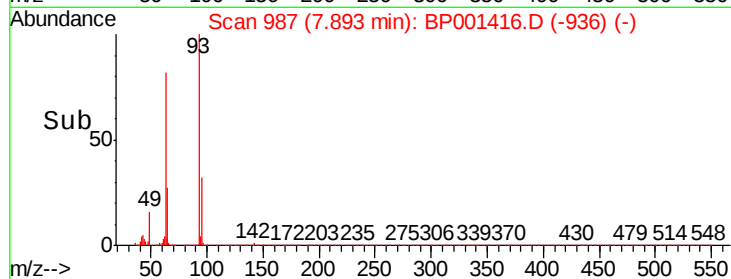
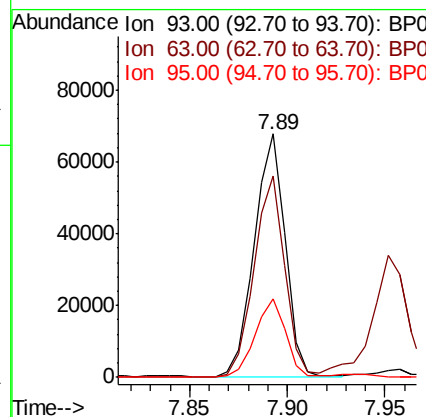
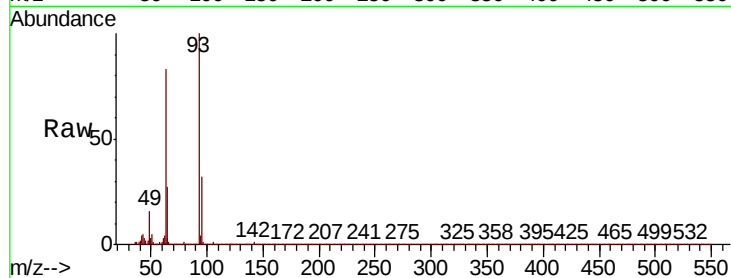




#11
bis(2-Chloroethyl)ether
Concen: 39.836 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

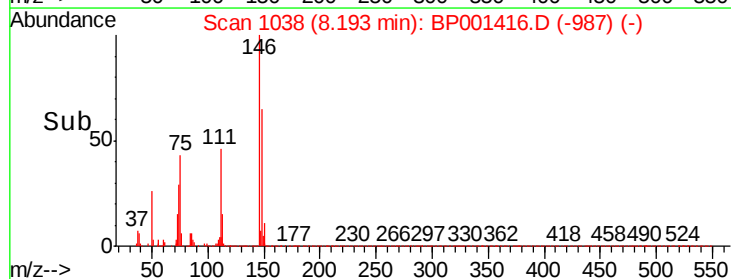
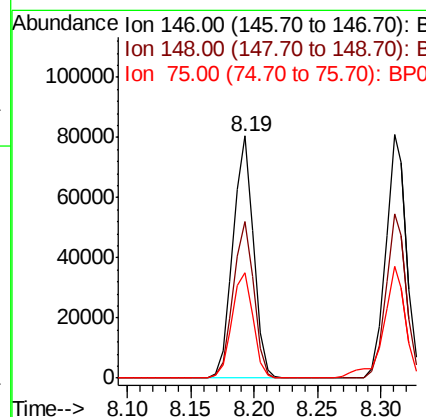
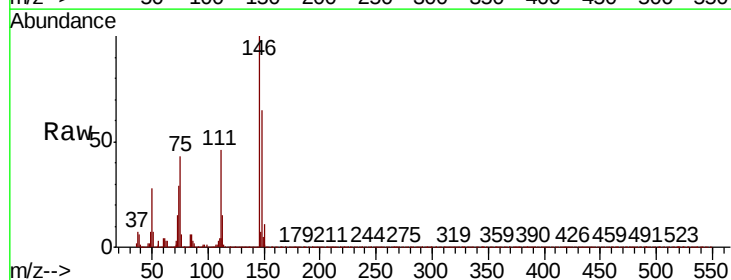
Instrument :
BNA_P
ClientSampleId :

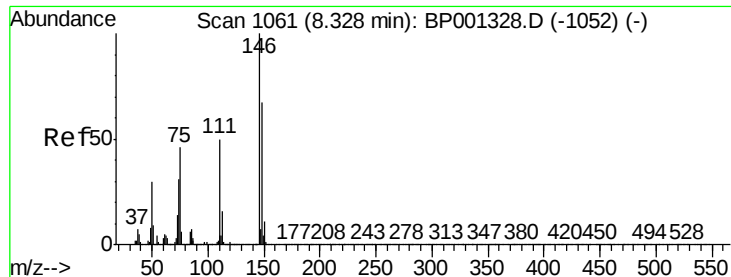
Tot Ion	Ratio	Lower	Upper
93	100		
63	82.7	64.9	104.9
95	32.1	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 39.978 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
75	43.5	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 40.154 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

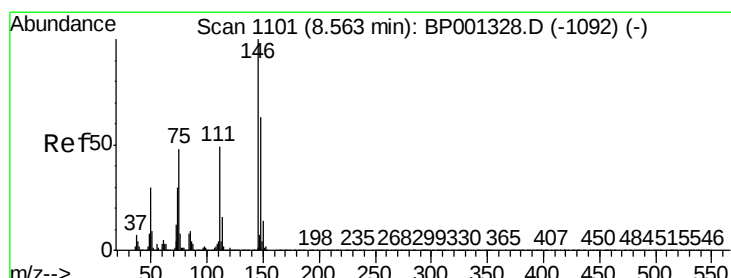
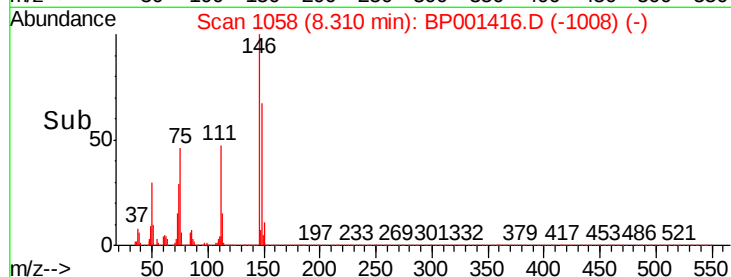
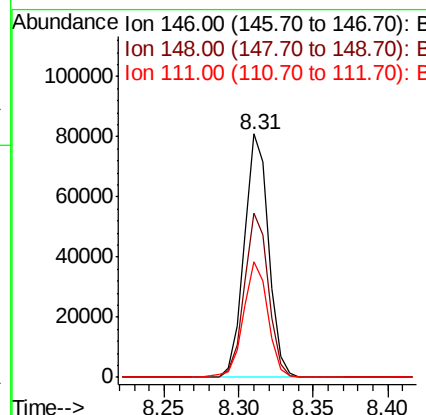
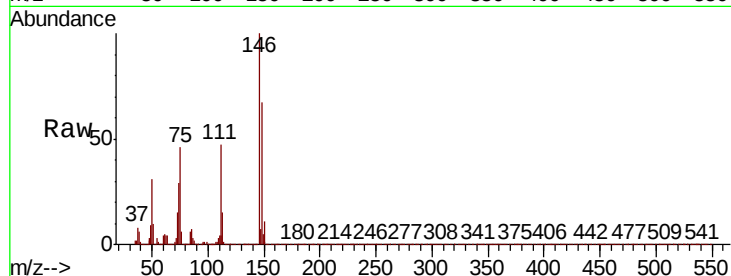
Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :
BNA_P
ClientSampleId :

Tot Ion:146 Resp: 91299

Ion	Ratio	Lower	Upper
146	100		
148	67.2	51.9	77.9
111	47.4	36.8	55.2



#14

1,2-Dichlorobenzene

Concen: 41.320 ng

RT: 8.55 min Scan# 1099

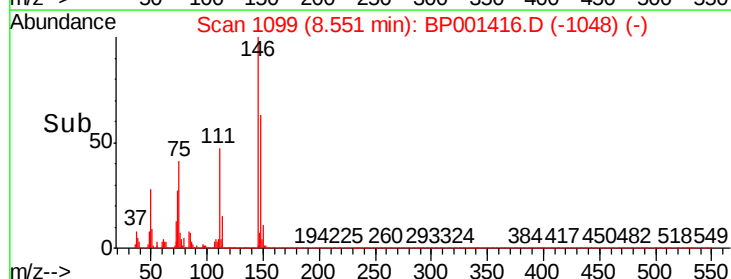
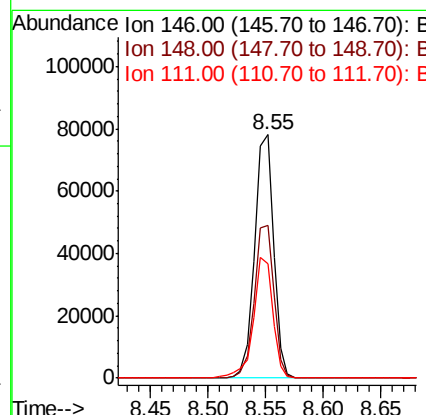
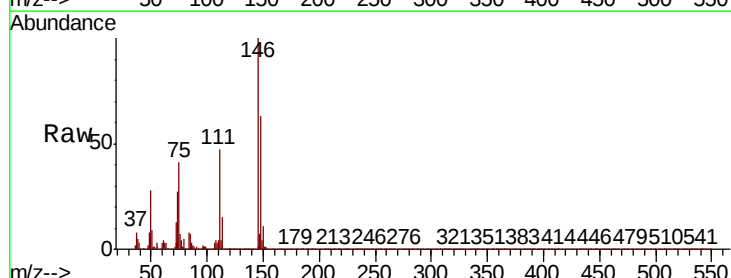
Delta R.T. -0.00 min

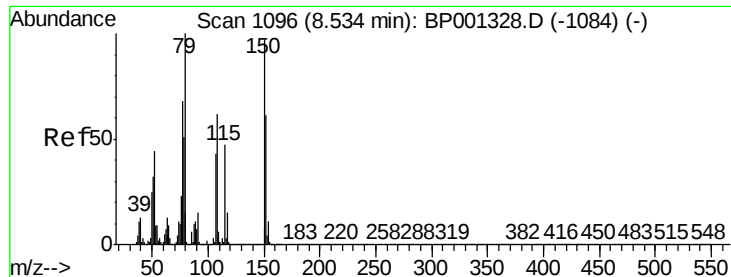
Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Tgt Ion:146 Resp: 89505

Ion	Ratio	Lower	Upper
146	100		
148	62.7	53.1	79.7
111	46.8	39.5	59.3

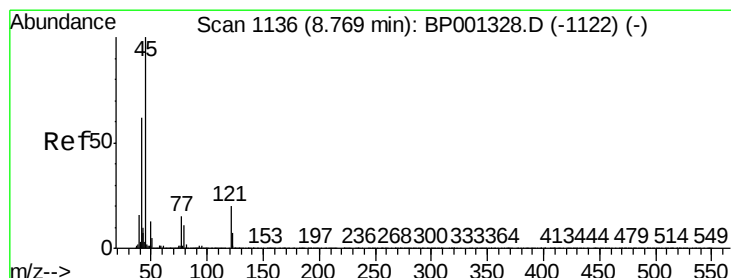
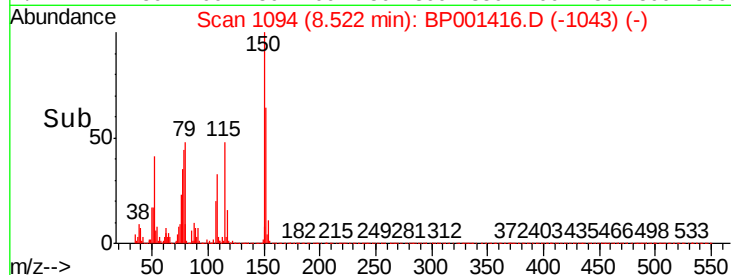
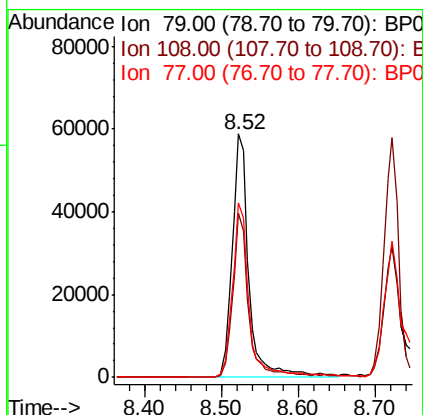
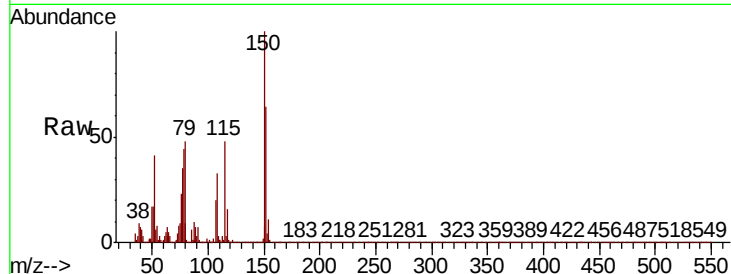




#15
Benzyl Alcohol
Concen: 40.972 ng
RT: 8.52 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

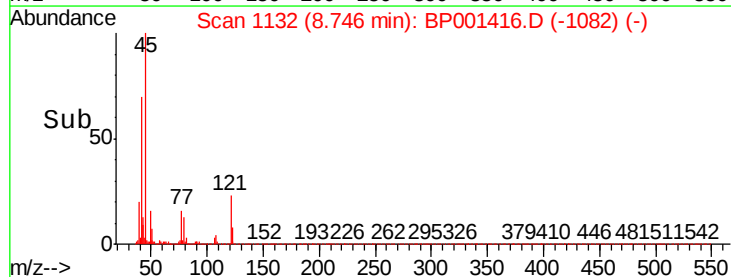
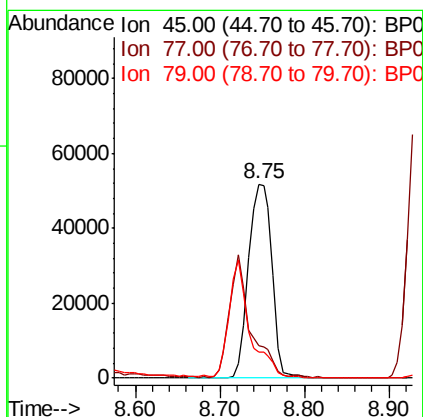
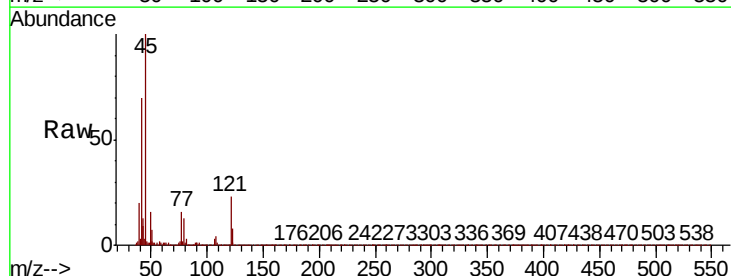
Instrument :
BNA_P
ClientSampleId :

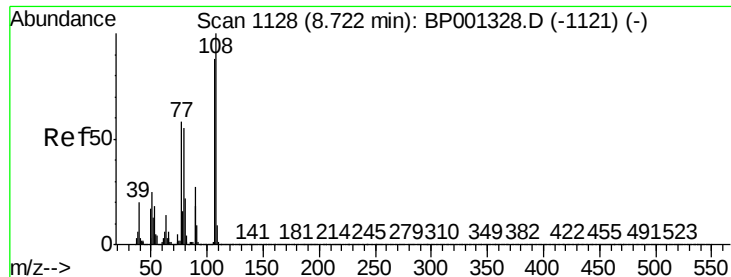
Tot Ion	Ratio	Lower	Upper
79	100		
108	67.3	49.0	73.4
77	71.9	56.7	85.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.792 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.4	0.0	34.7
79	13.4	0.0	31.8

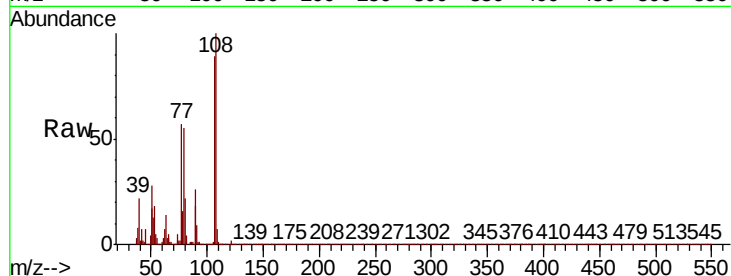




#17
2-Methylphenol
Concen: 43.678 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	107	Resp:	69154
Ion	Ratio	Lower	Upper
107	100		
108	112.5	88.8	133.2
77	63.6	48.9	73.3
79	61.6	48.8	73.2



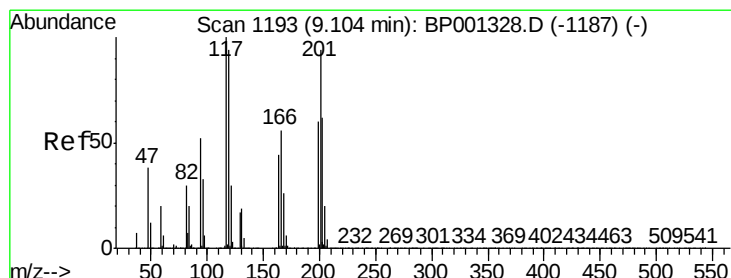
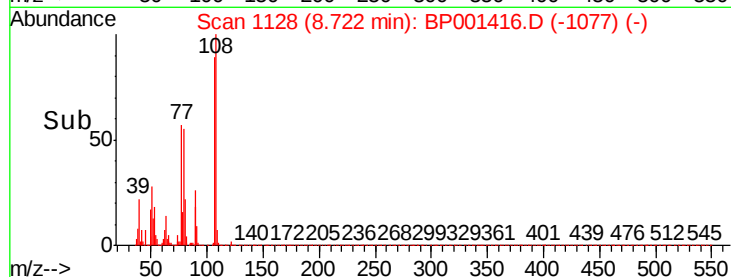
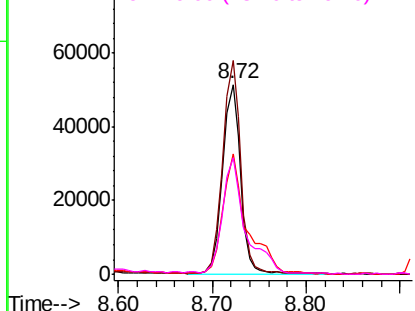
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

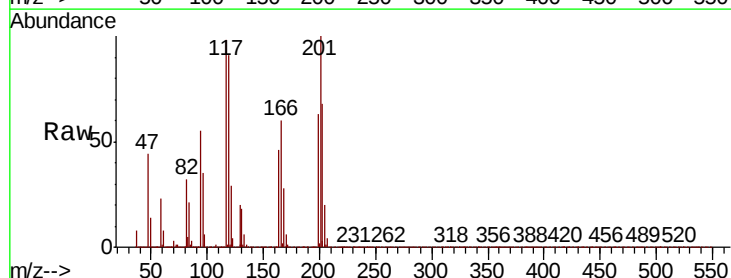
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 38.046 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:	117	Resp:	36800
Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.8	113.6
201	102.3	77.8	116.6

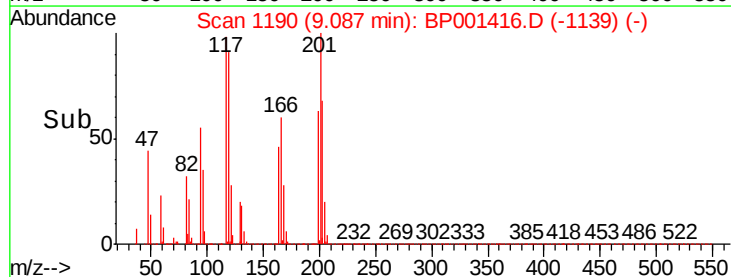
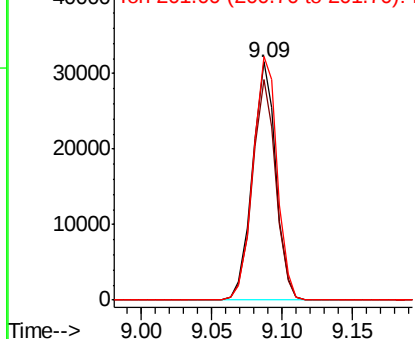


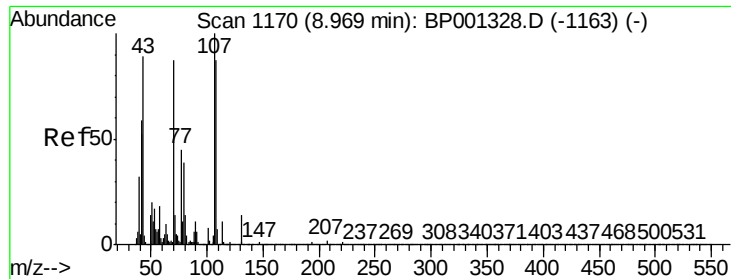
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

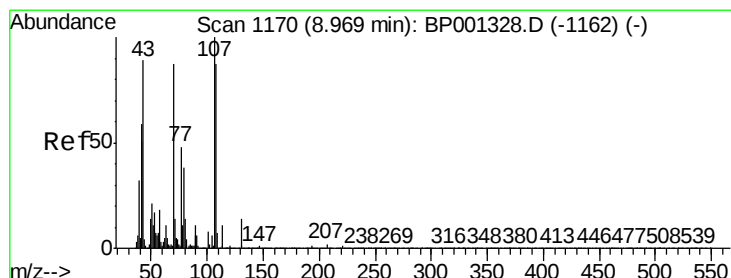
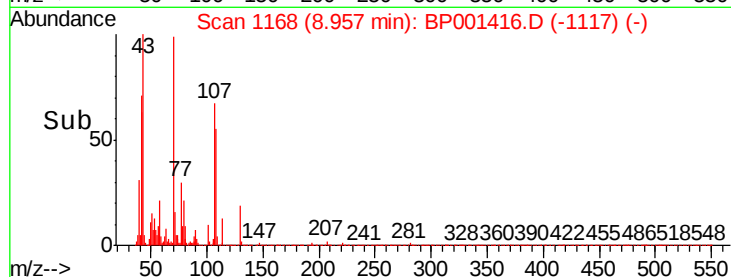
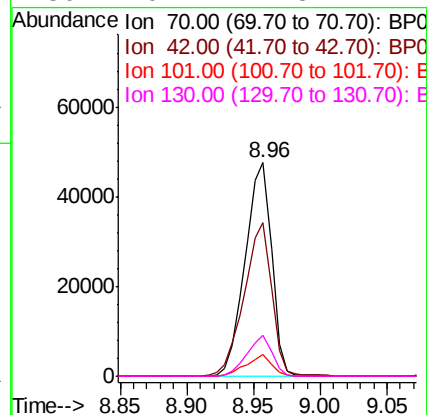
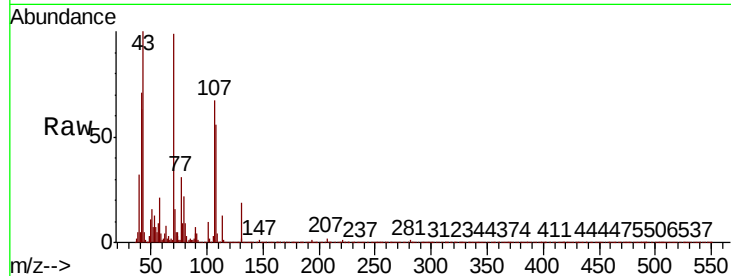




#19
n-Nitroso-di-n-propylamine
Concen: 39.613 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

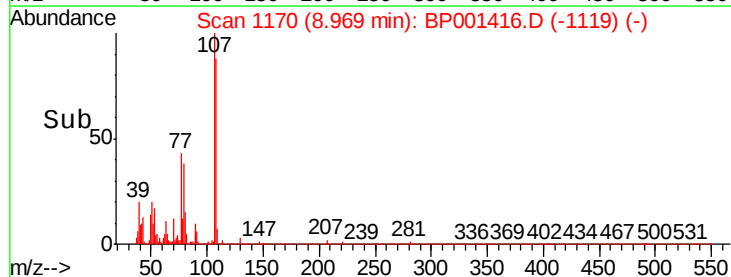
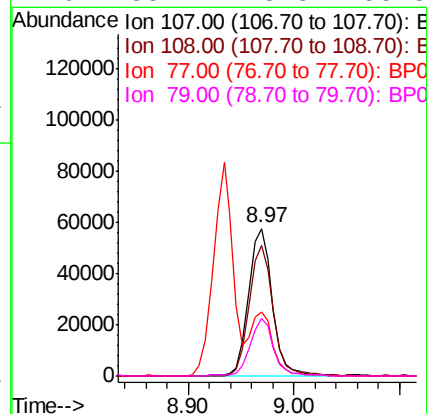
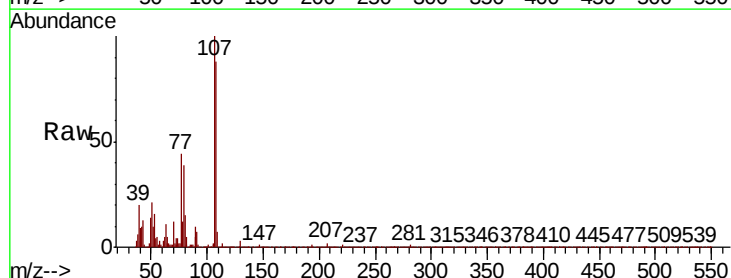
Instrument :
BNA_P
ClientSampleId :

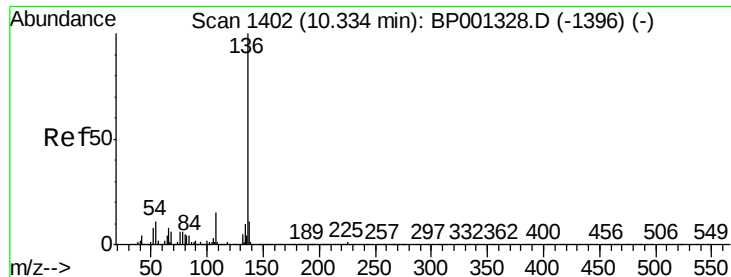
Tot Ion:	70	Resp:	65398
Ion	Ratio	Lower	Upper
70	100		
42	71.7	55.8	83.8
101	10.2	8.2	12.2
130	19.4	14.5	21.7



#20
3+4-Methylphenols
Concen: 42.760 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:	107	Resp:	89841
Ion	Ratio	Lower	Upper
107	100		
108	88.2	70.4	110.4
77	43.7	24.5	64.5
79	38.7	18.8	58.8

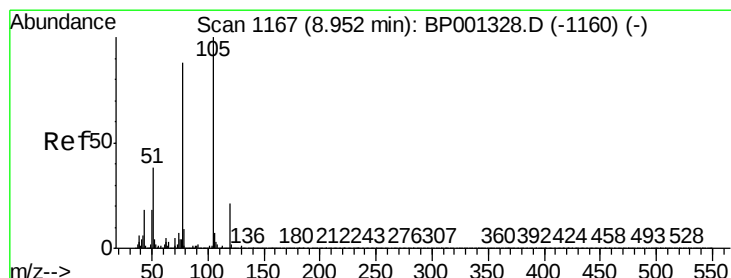
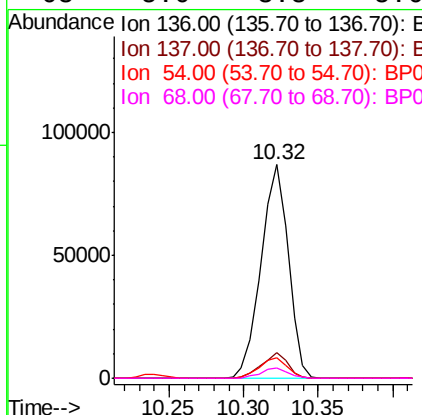
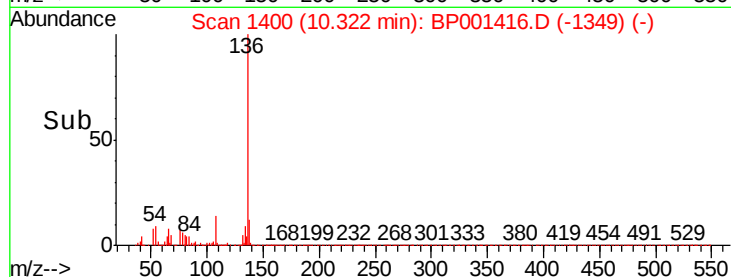
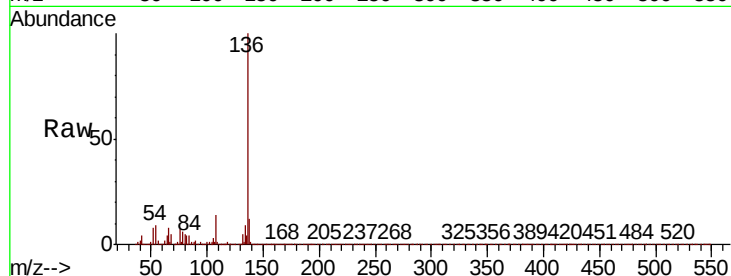




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

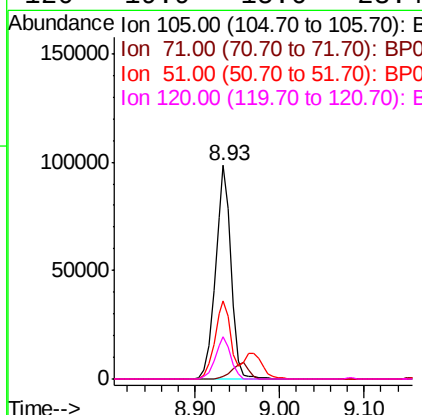
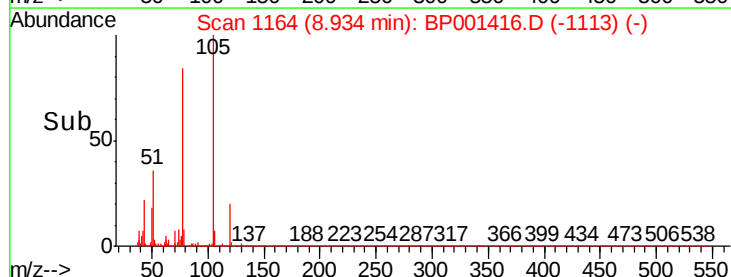
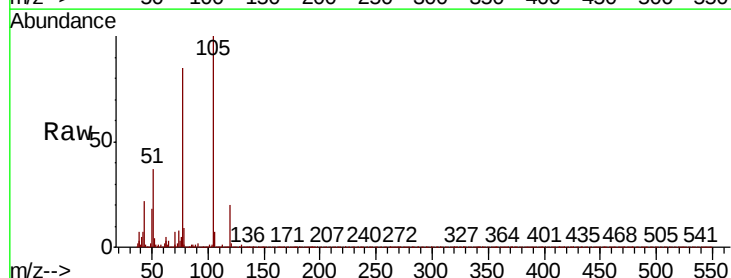
Instrument :
BNA_P
ClientSampleId :

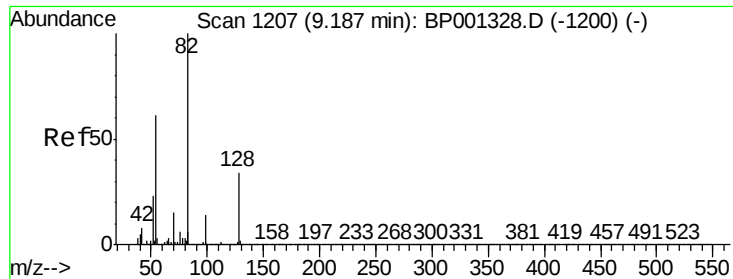
Tot Ion:136	Resp:	109665
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.0 13.4
54	9.5	7.3 10.9
68	5.0	3.8 5.6



#22
Acetophenone
Concen: 36.632 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:105	Resp:	127038
Ion Ratio	Lower	Upper
105	100	
71	1.4	0.2 0.4#
51	36.8	29.8 44.6
120	19.9	15.6 23.4

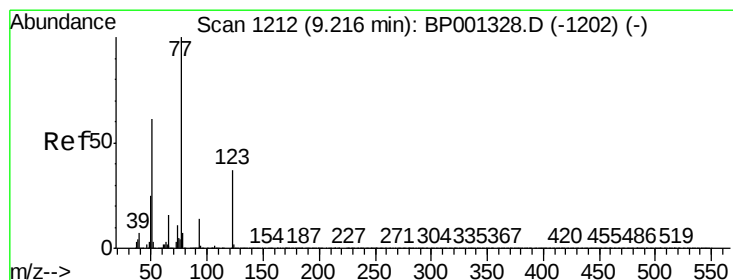
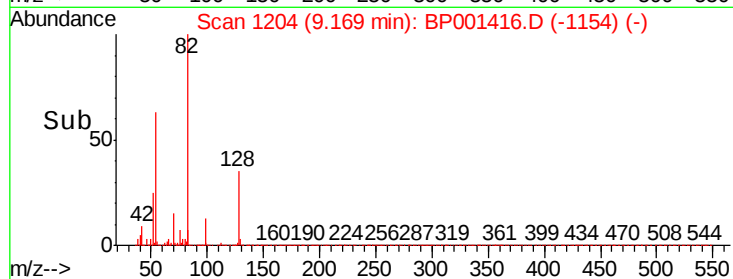
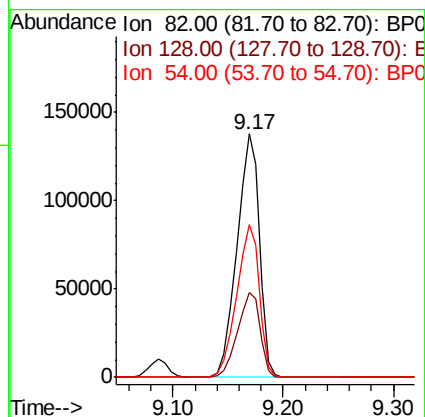
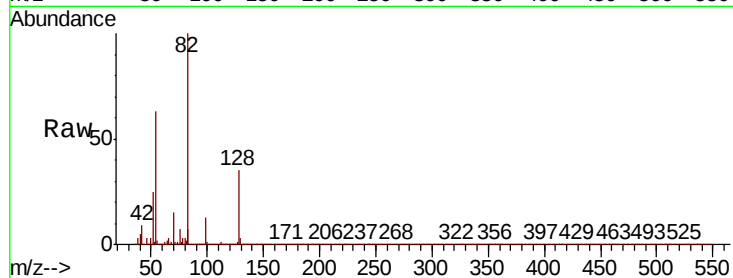




#23
Nitrobenzene-d5
Concen: 68.852 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

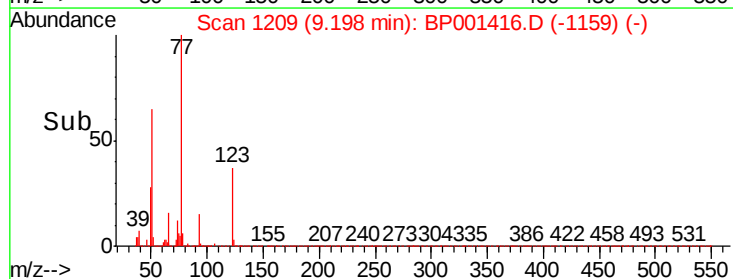
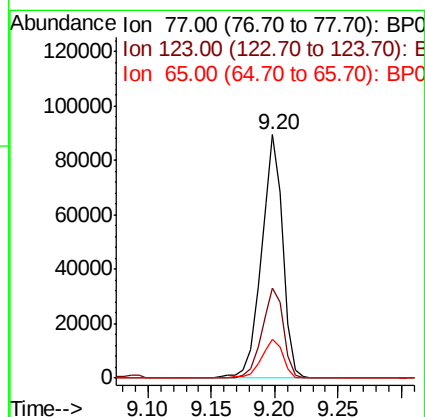
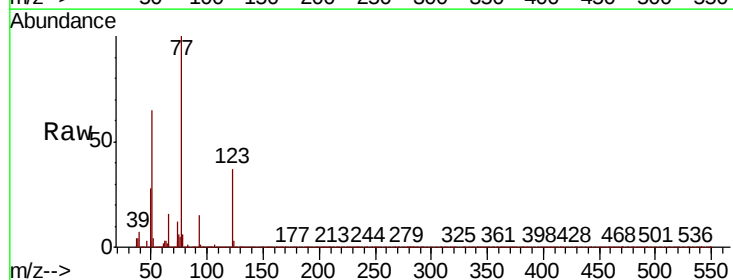
Instrument :
BNA_P
ClientSampleId :

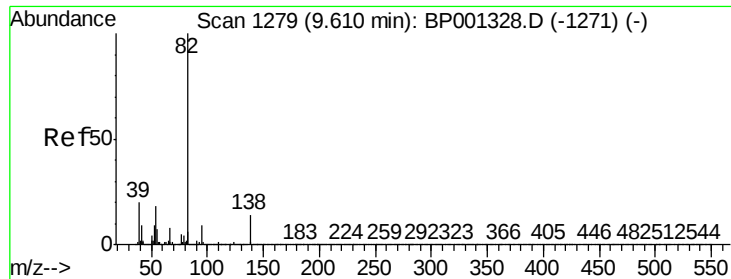
Tot Ion	82	Resp	196625
Ion Ratio	100	Lower	Upper
128	34.8	27.4	41.0
54	62.8	47.5	71.3



#24
Nitrobenzene
Concen: 37.141 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	77	Resp	104392
Ion Ratio	100	Lower	Upper
123	36.8	30.9	46.3
65	16.2	13.0	19.4





#25

Isophorone

Concen: 37.998 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

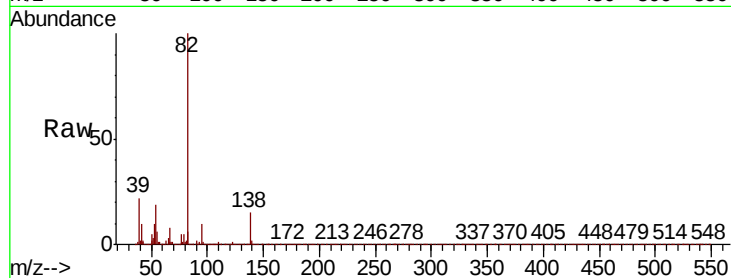
Tot Ion: 82 Resp: 174484

Ion Ratio Lower Upper

82 100

95 9.5 7.3 10.9

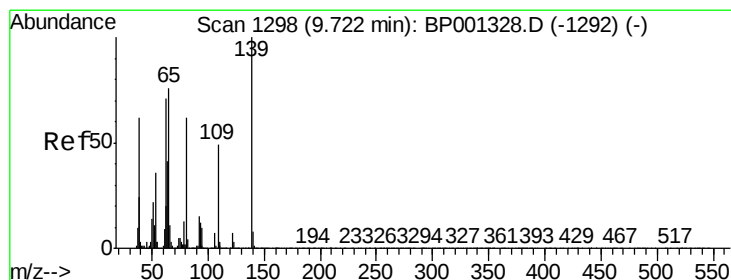
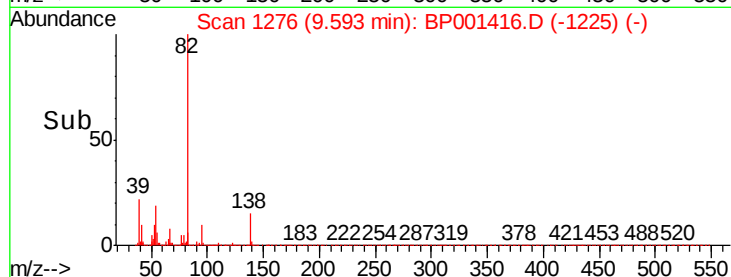
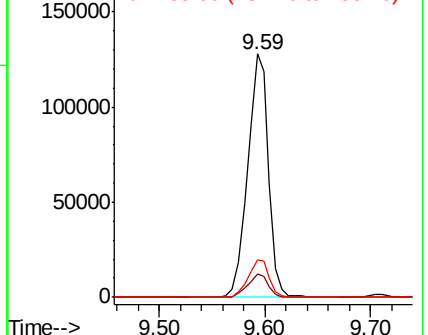
138 15.2 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 42.555 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

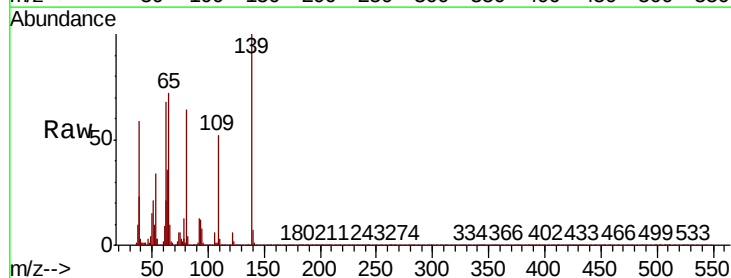
Tgt Ion: 139 Resp: 42651

Ion Ratio Lower Upper

139 100

109 51.8 40.5 60.7

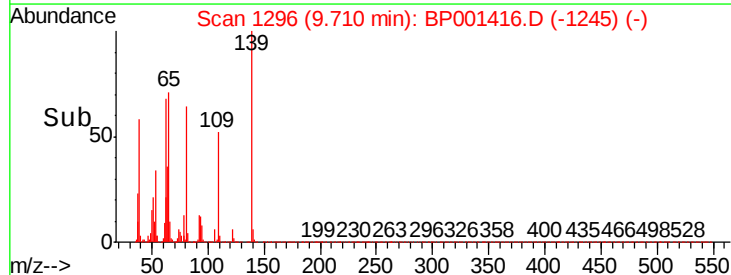
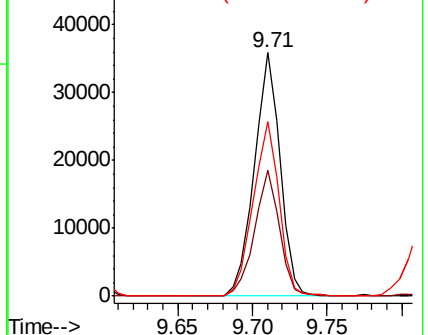
65 71.5 56.2 84.4

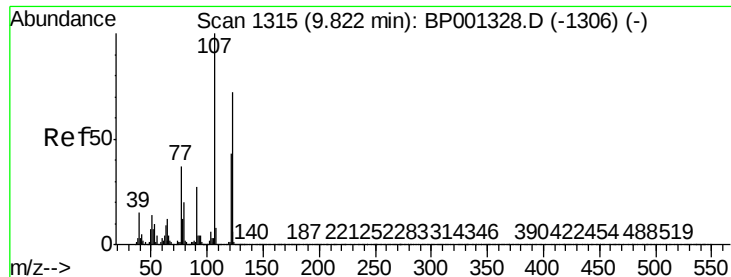


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

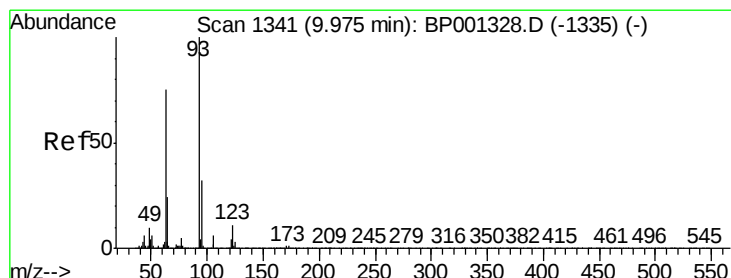
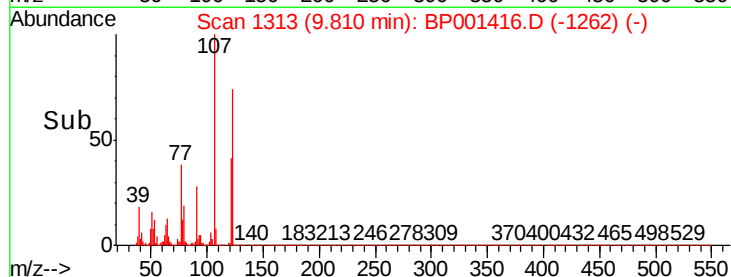
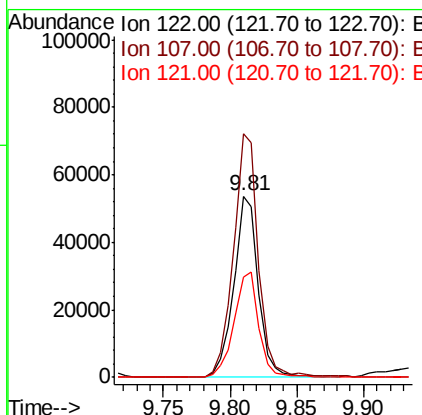
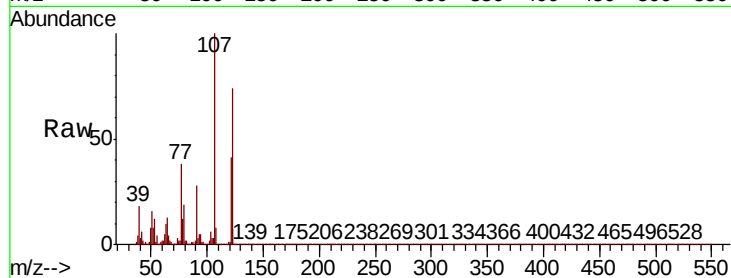




#27
2,4-Dimethylphenol
Concen: 46.797 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

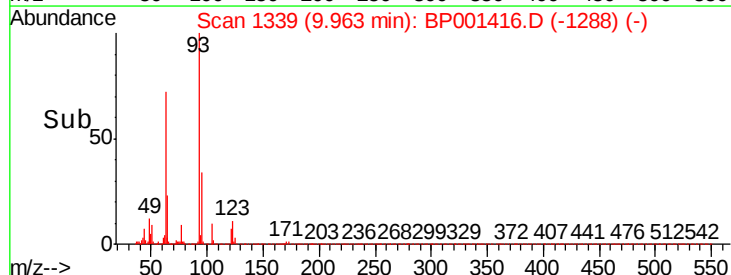
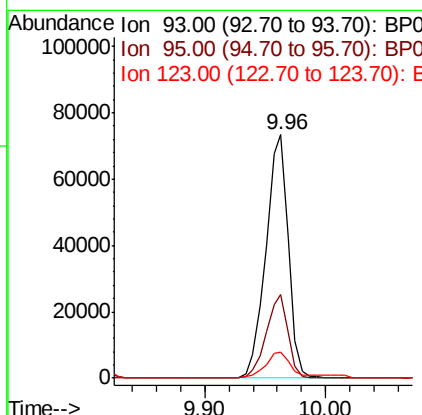
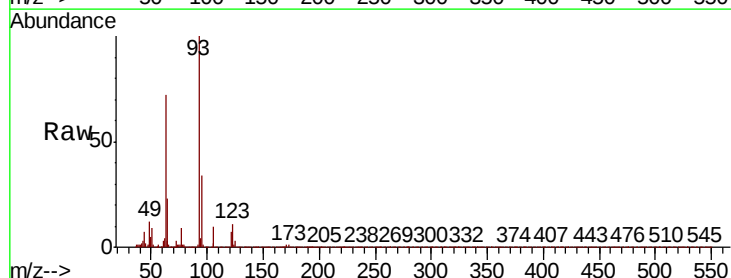
Instrument :
BNA_P
ClientSampled :

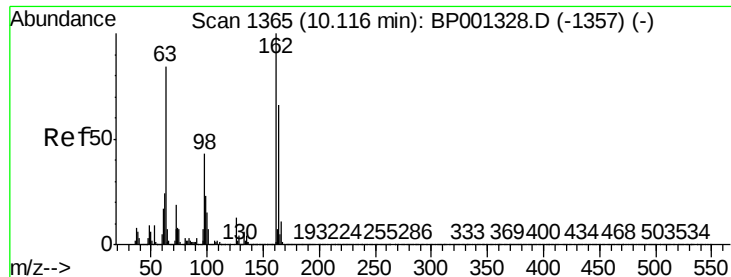
Tot Ion	Ratio	Lower	Upper
122	100		
107	134.6	106.5	159.7
121	55.4	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 34.507 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.4	26.3	39.5
123	10.9	9.0	13.6

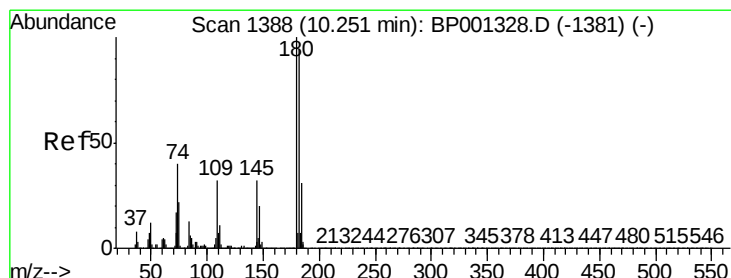
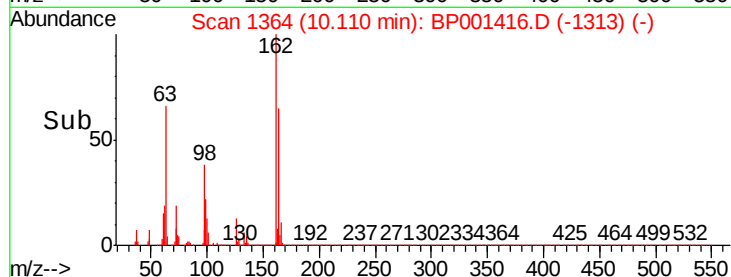
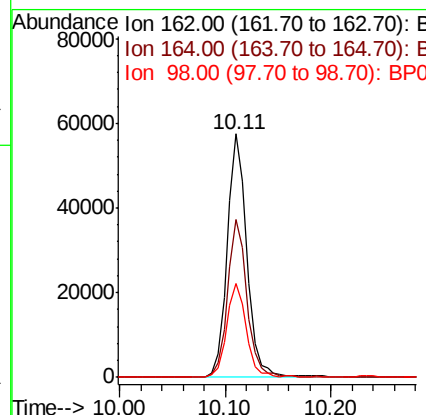
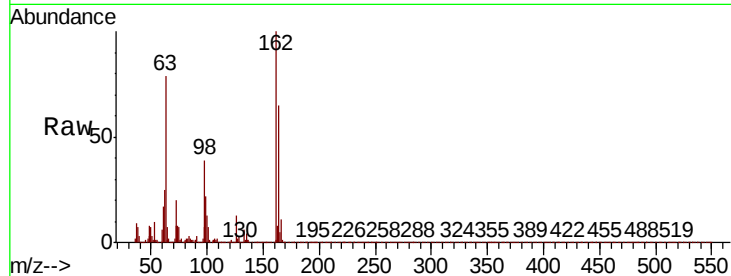




#29
 2,4-Dichlorophenol
 Concen: 40.825 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

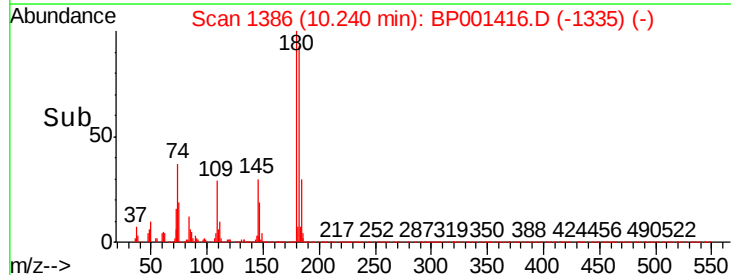
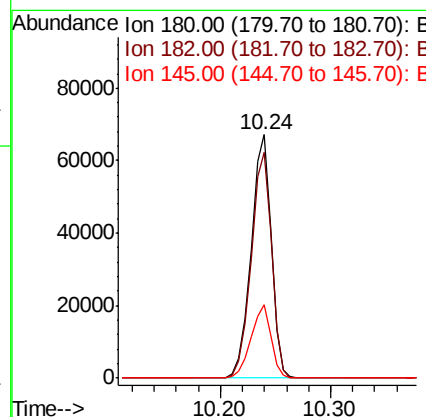
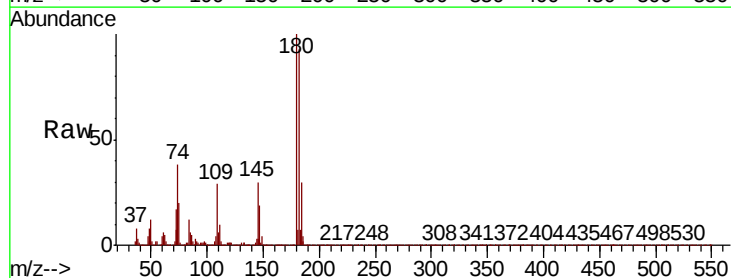
Instrument :
 BNA_P
 ClientSampleId :

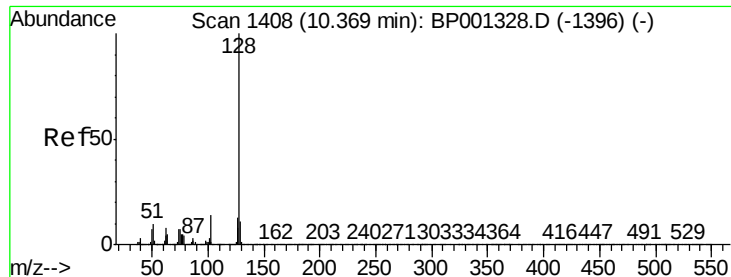
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.8	84.8
98	38.7	18.5	58.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.319 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	79.3	118.9
145	30.3	23.1	34.7

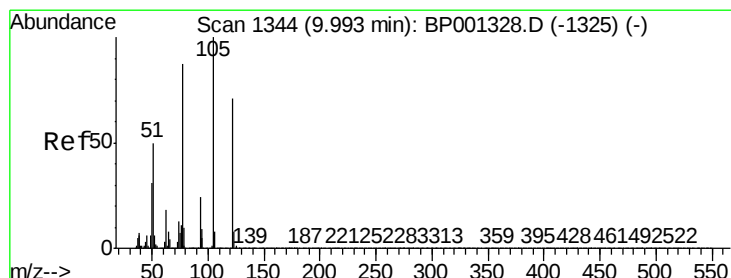
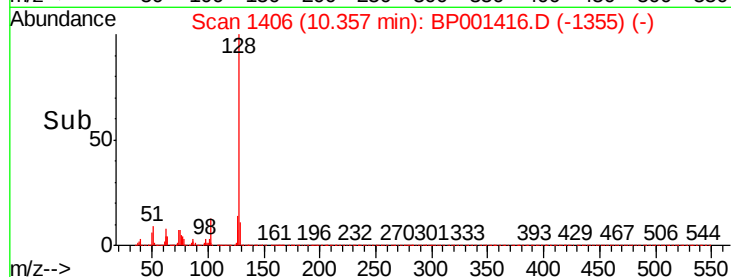
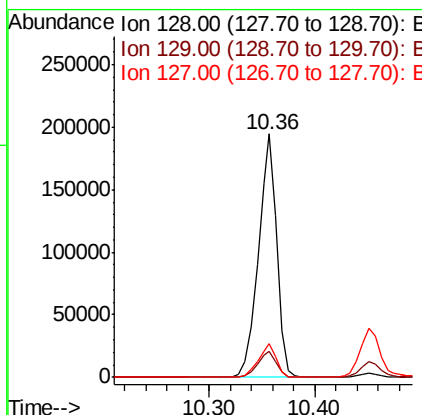
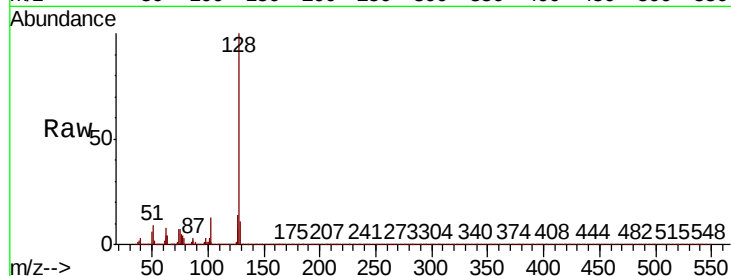




#31
Naphthalene
Concen: 39.550 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

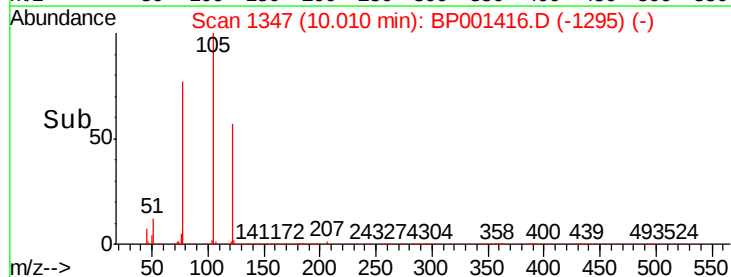
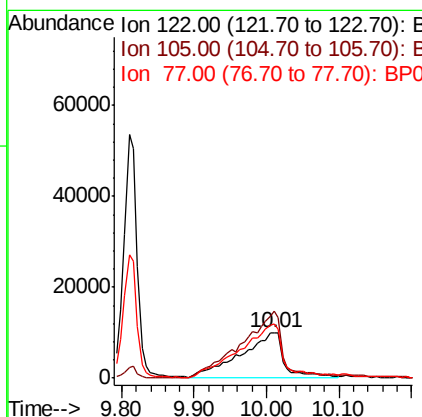
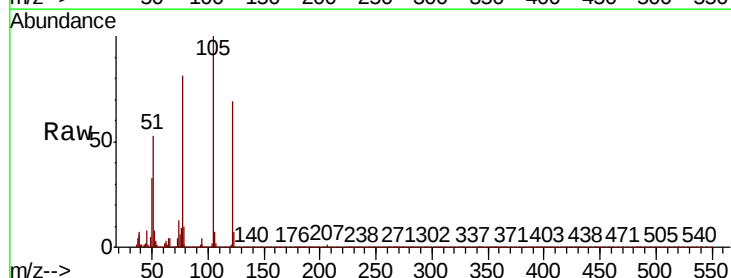
Instrument :
BNA_P
ClientSampled :

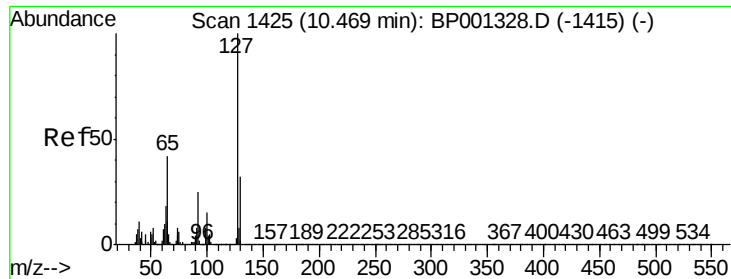
Tot Ion:128	Resp: 236757
Ion Ratio	Lower Upper
128 100	
129 10.6	8.6 12.8
127 13.7	11.0 16.6



#32
Benzoic acid
Concen: 35.512 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt	Ion:122	Resp:	40585
Ion	Ratio	Lower	Upper
122	100		
105	145.7	117.8	157.8
77	117.8	85.6	125.6

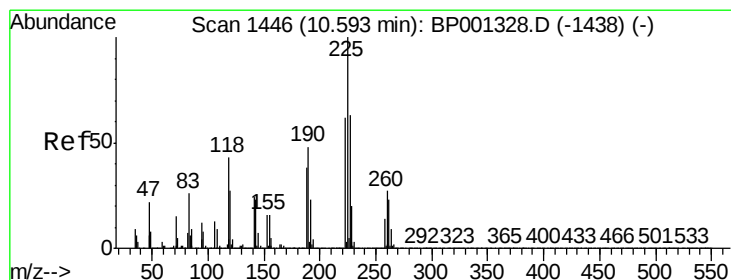
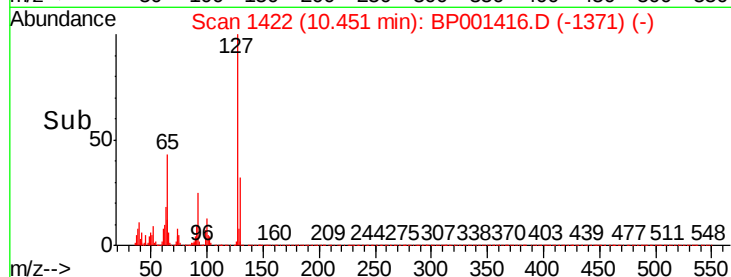
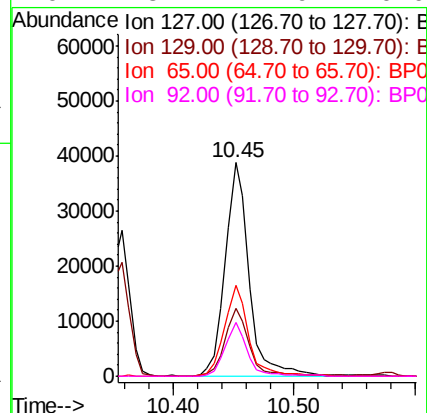
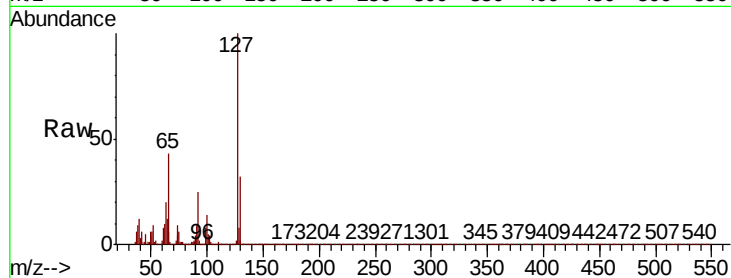




#33
4-Chloroaniline
Concen: 21.566 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

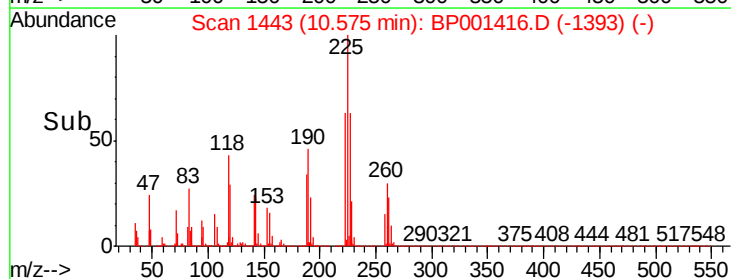
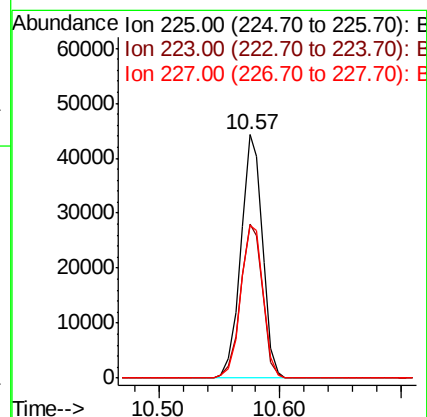
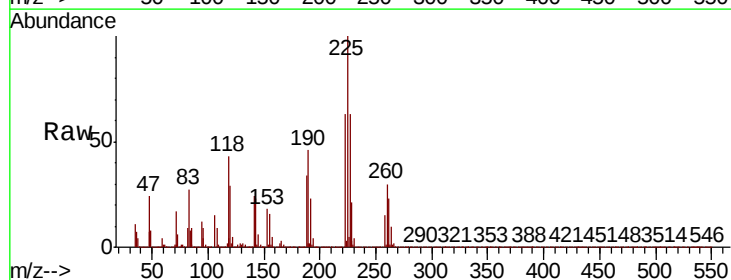
Instrument :
BNA_P
ClientSampled :

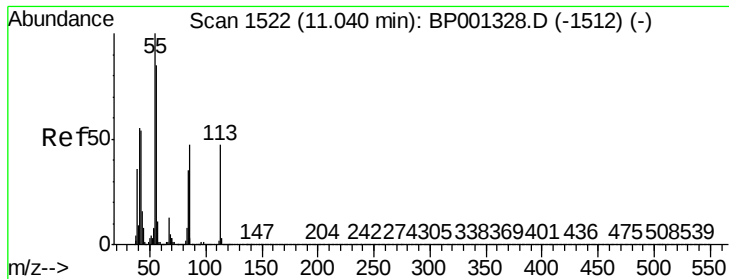
Tot Ion:	127	Resp:	52796
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	42.7	33.9	50.9
92	25.1	17.9	26.9



#34
Hexachlorobutadiene
Concen: 35.102 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:	225	Resp:	54968
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.0
227	62.8	57.0	85.4

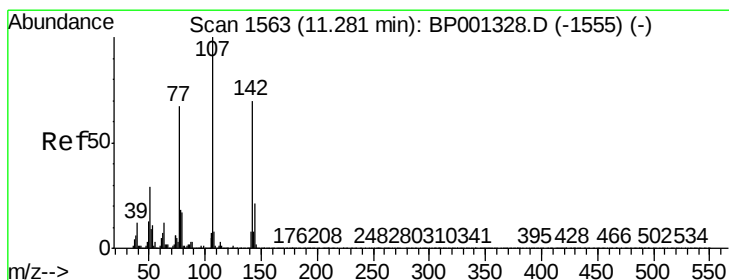
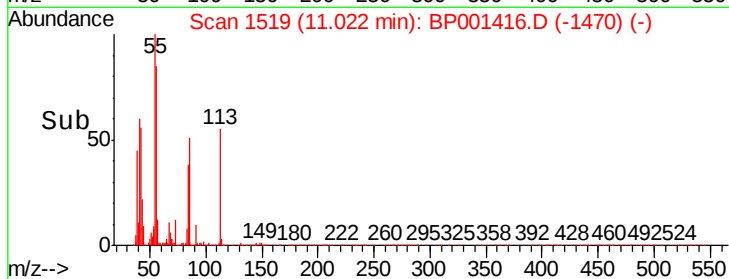
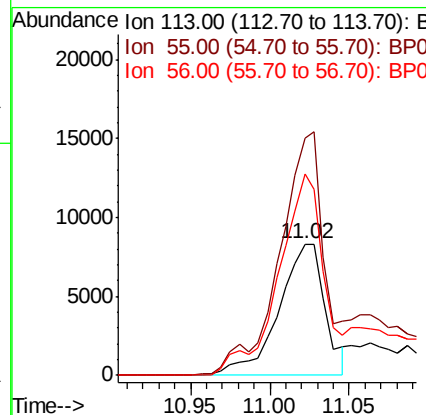
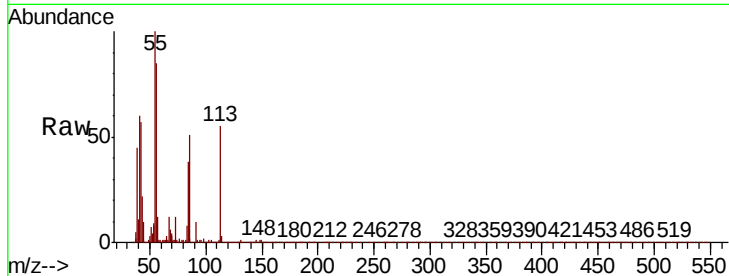




#35
Caprolactam
Concen: 30.963 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

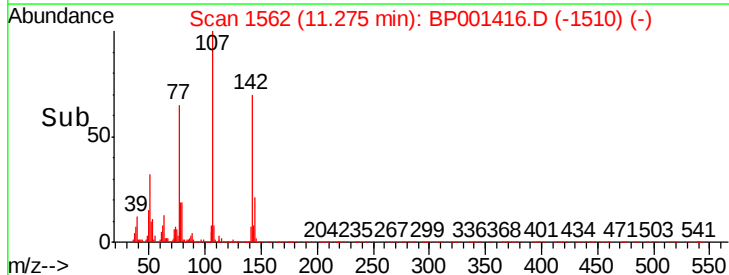
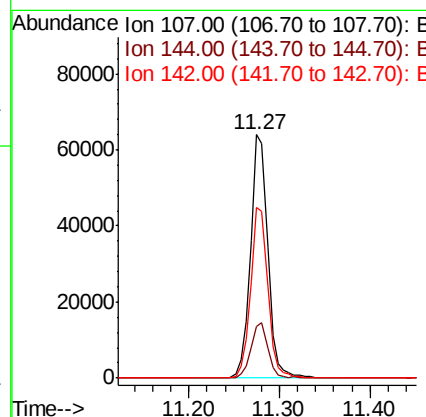
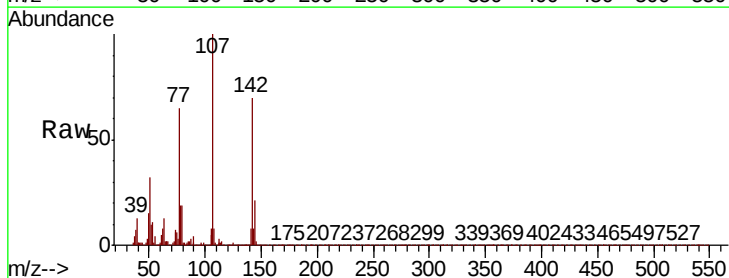
Instrument :
BNA_P
ClientSampled :

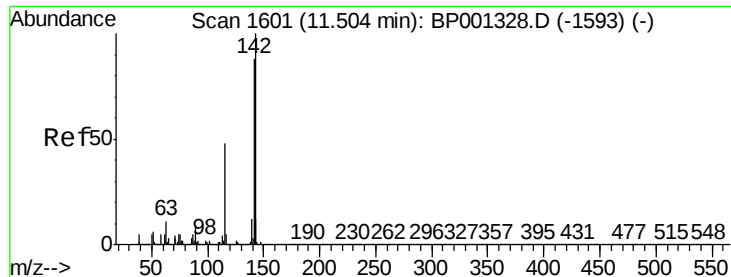
Tot Ion:113 Resp: 16817
Ion Ratio Lower Upper
113 100
55 181.1 164.2 204.2
56 153.2 130.8 170.8



#36
4-Chloro-3-methylphenol
Concen: 39.545 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:107 Resp: 84350
Ion Ratio Lower Upper
107 100
144 21.4 17.8 26.8
142 70.1 56.2 84.4

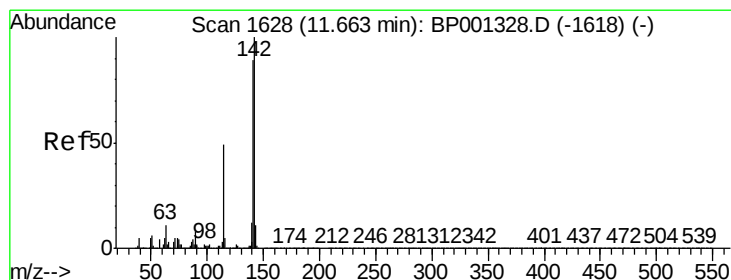
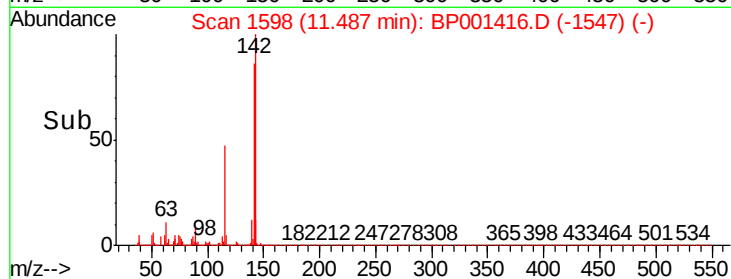
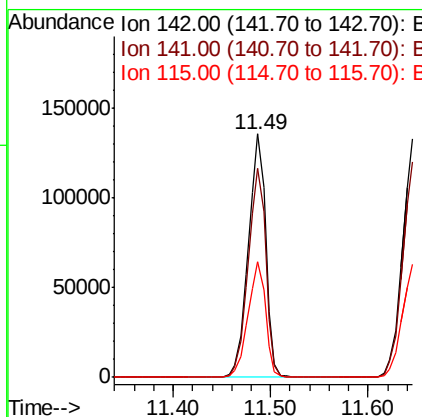
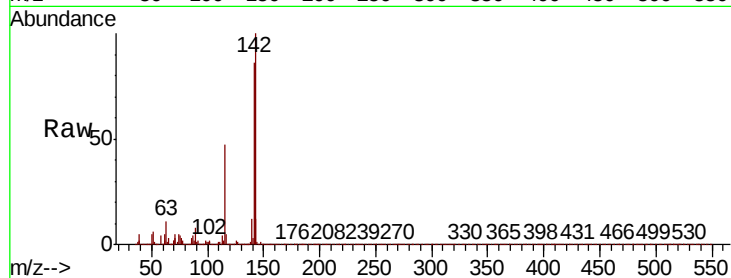




#37
2-Methylnaphthalene
Concen: 41.092 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

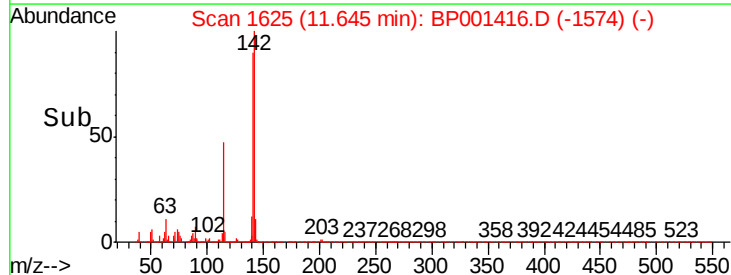
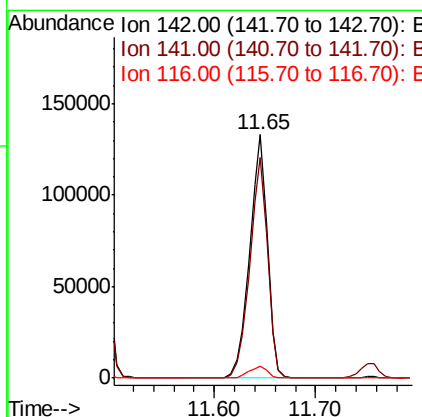
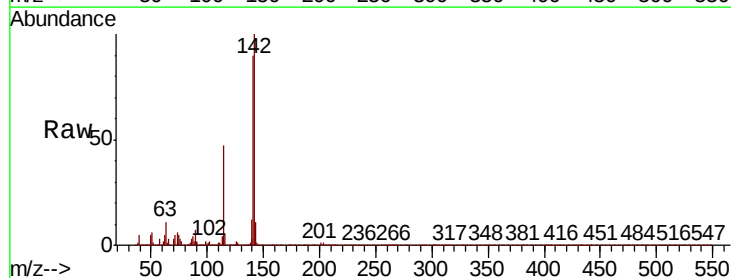
Instrument :
BNA_P
ClientSampleId :

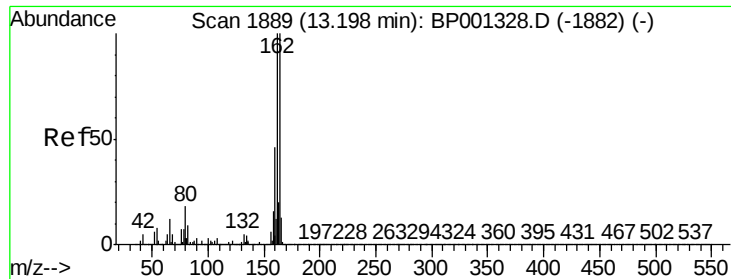
Tot Ion:142 Resp: 169823
Ion Ratio Lower Upper
142 100
141 85.9 70.2 105.2
115 47.2 37.0 55.4



#38
1-Methylnaphthalene
Concen: 41.455 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:142 Resp: 161068
Ion Ratio Lower Upper
142 100
141 90.3 72.9 109.3
116 4.9 3.8 5.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.18 min Scan# 1886

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

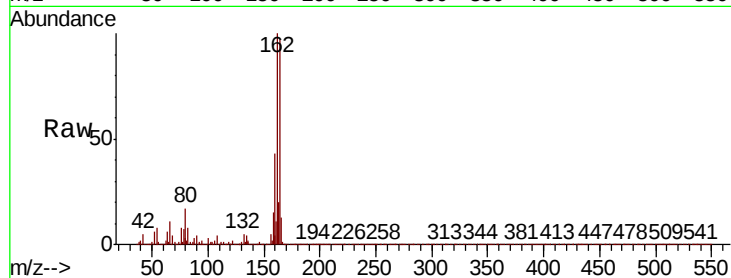
Tot Ion:164 Resp: 66425

Ion Ratio Lower Upper

164 100

162 103.1 78.2 117.4

160 44.6 35.1 52.7

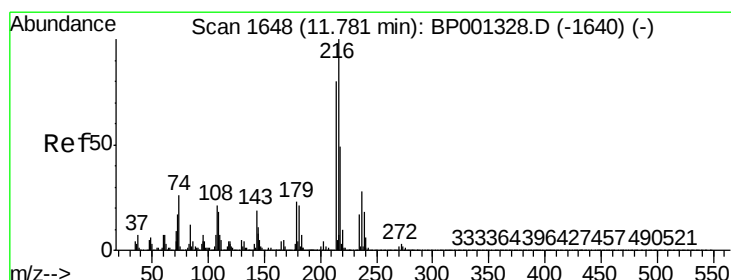
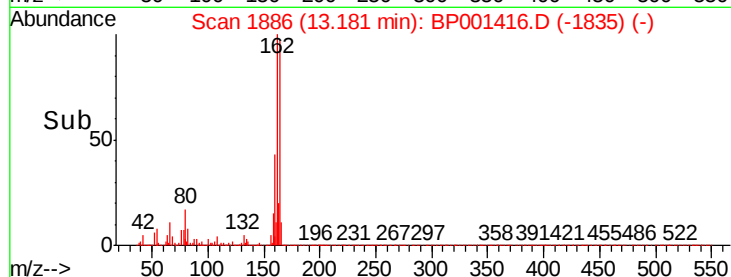
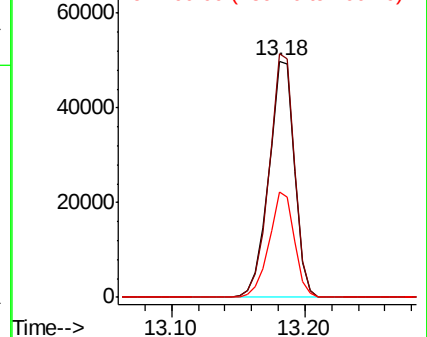


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.576 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Tgt Ion:216 Resp: 92290

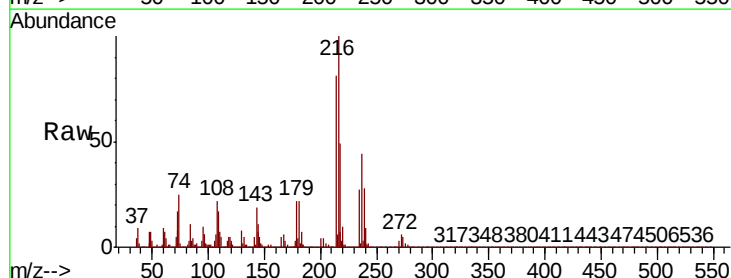
Ion Ratio Lower Upper

216 100

214 78.3 62.1 93.1

179 21.8 17.1 25.7

108 23.8 16.0 24.0



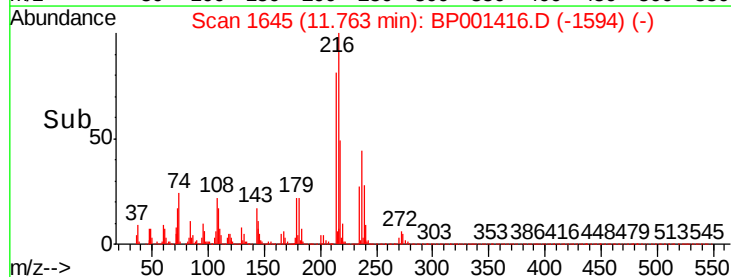
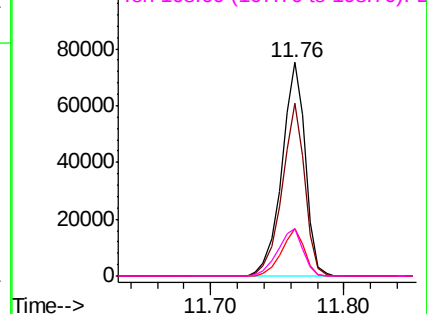
Abundance

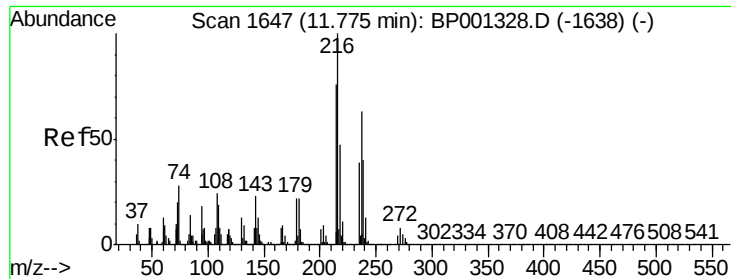
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 62.393 ng

RT: 11.76 min Scan# 1644

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

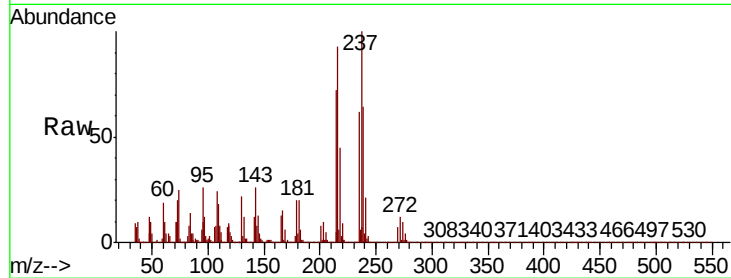
Tot Ion:237 Resp: 75792

Ion Ratio Lower Upper

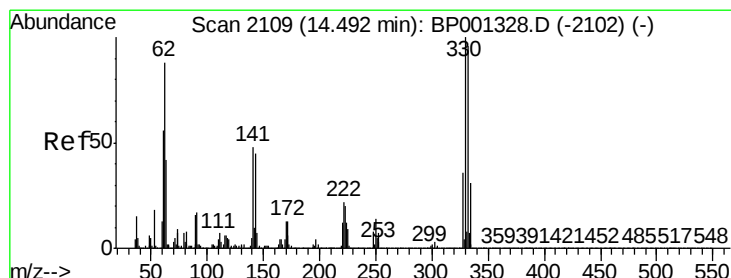
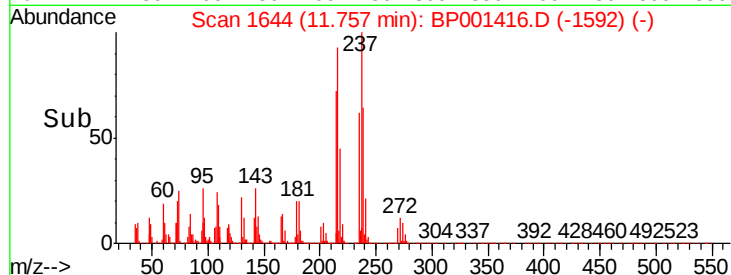
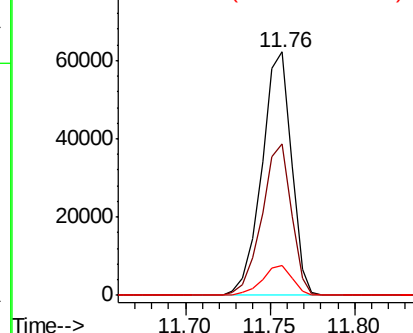
237 100

235 62.3 42.8 82.8

272 12.4 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 112.604 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

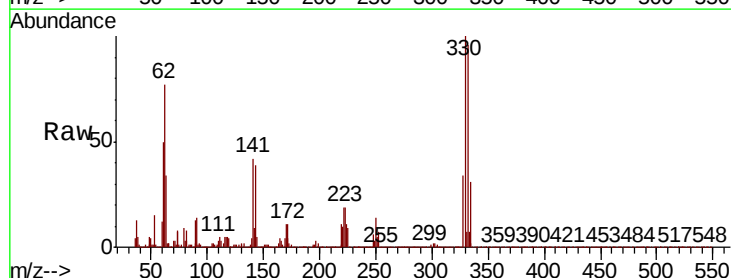
Tgt Ion:330 Resp: 93514

Ion Ratio Lower Upper

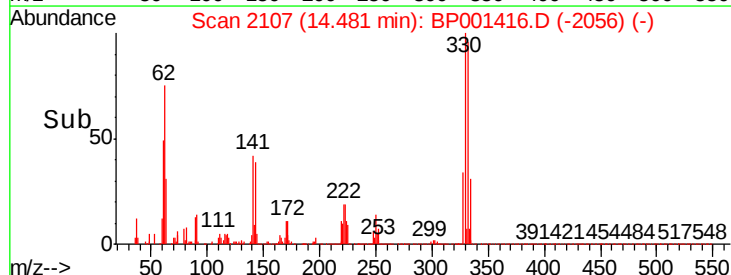
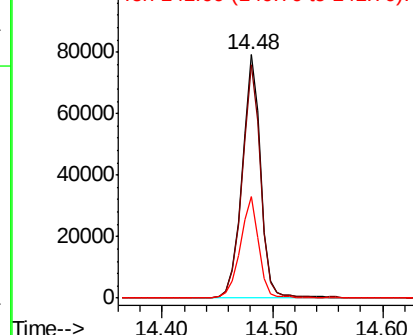
330 100

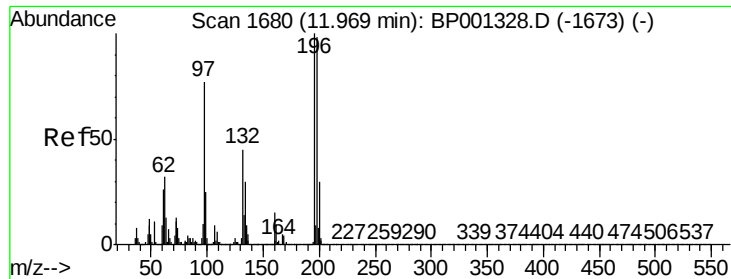
332 95.6 78.3 117.5

141 41.6 26.8 40.2#



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

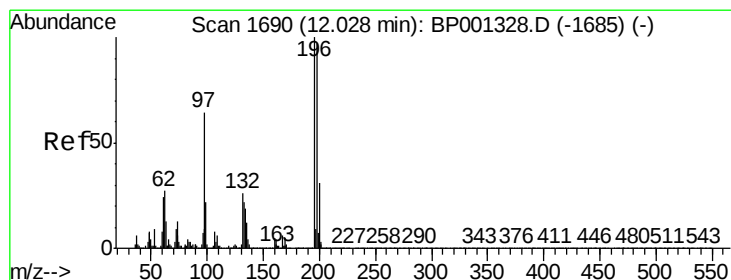
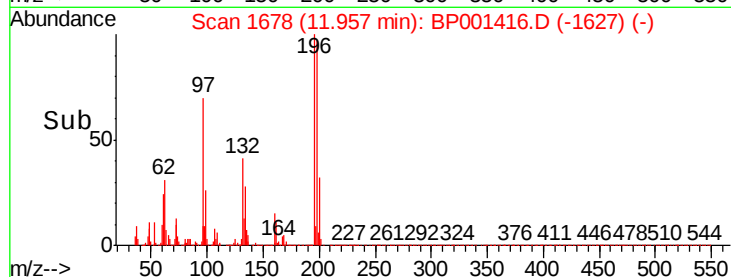
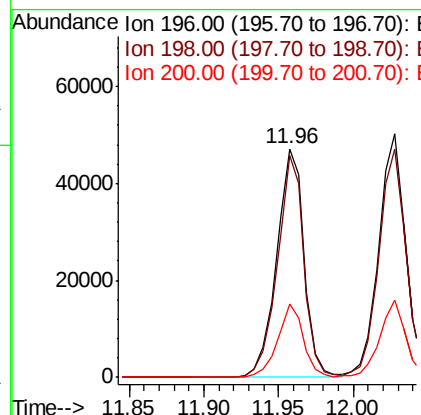
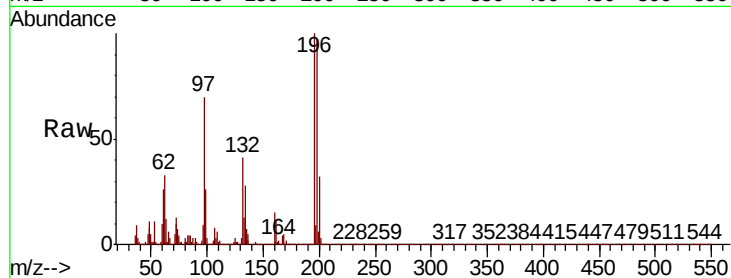




#43
 2,4,6-Trichlorophenol
 Concen: 39.860 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

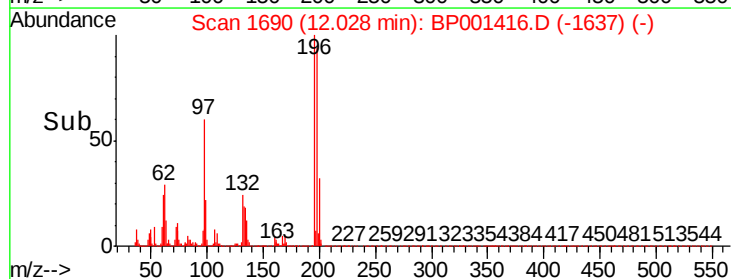
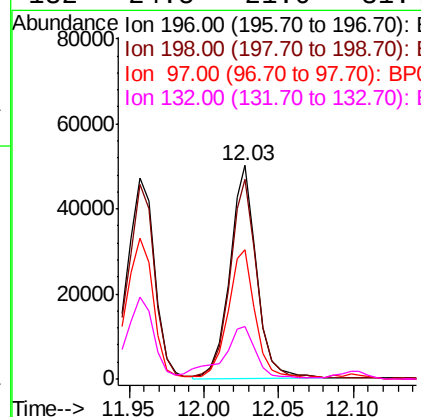
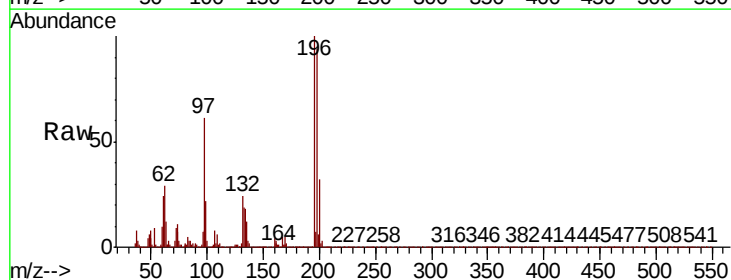
Instrument :
 BNA_P
 ClientSampleId :

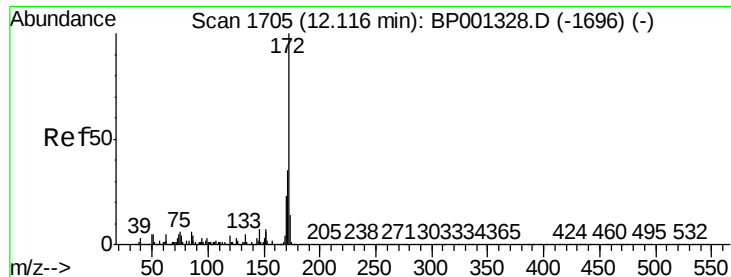
Tot Ion:196 Resp: 60208
 Ion Ratio Lower Upper
 196 100
 198 96.8 77.2 115.8
 200 32.1 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 40.653 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

Tgt Ion:196 Resp: 63091
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.8 113.6
 97 60.5 46.1 69.1
 132 24.5 21.0 31.4

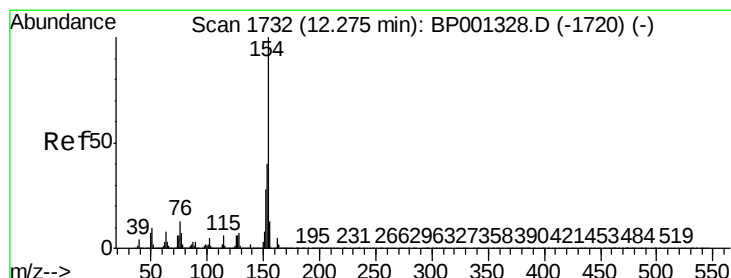
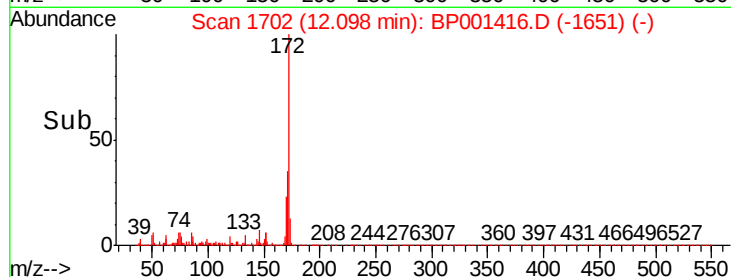
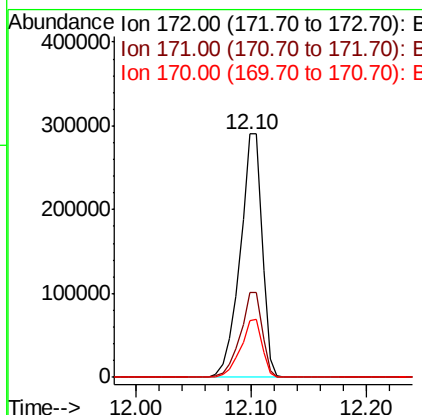
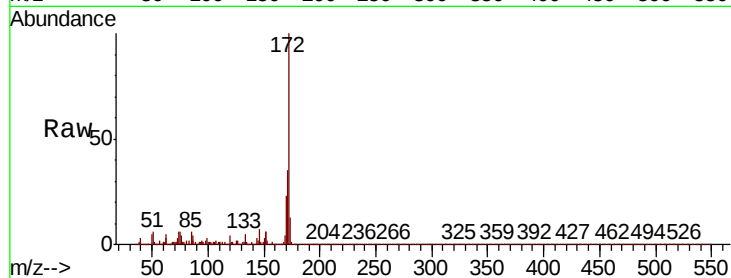




#45
2-Fluorobiphenyl
Concen: 72.872 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

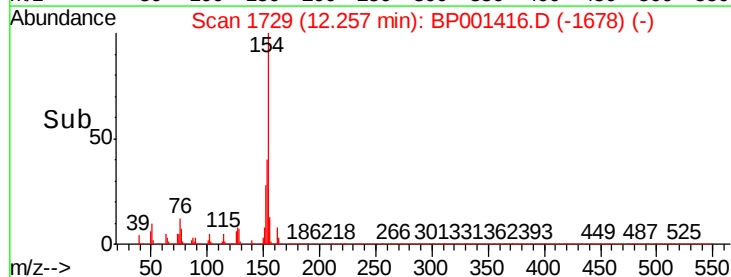
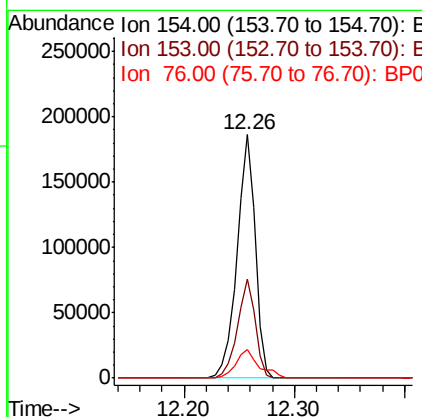
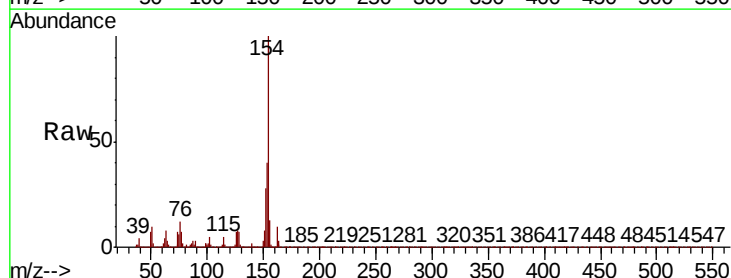
Instrument :
BNA_P
ClientSampleId :

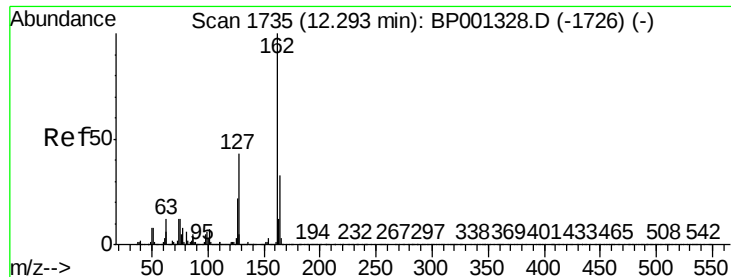
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	27.4	41.0
170	23.2	18.2	27.4



#46
1,1'-Biphenyl
Concen: 38.760 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.5	59.5
76	12.0	0.0	31.5

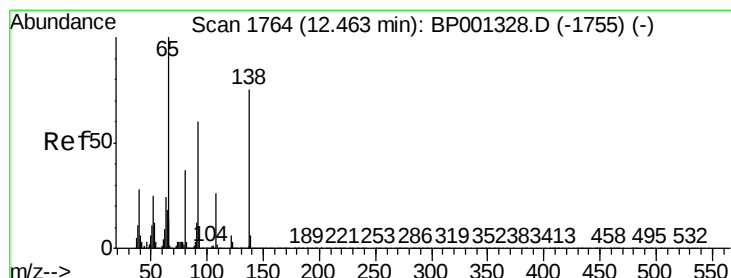
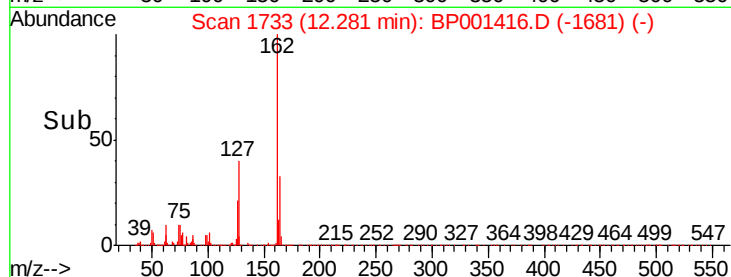
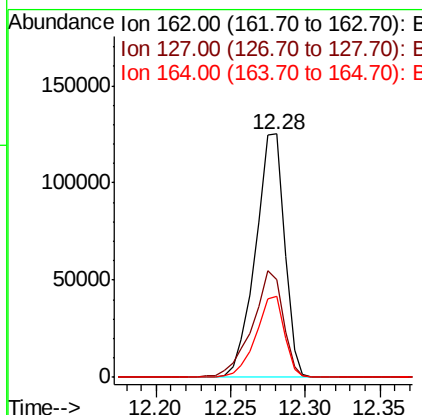
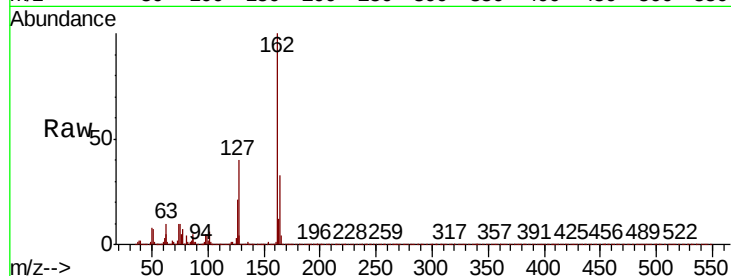




#47
2-Chloronaphthalene
Concen: 37.418 ng
RT: 12.28 min Scan# 1733
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

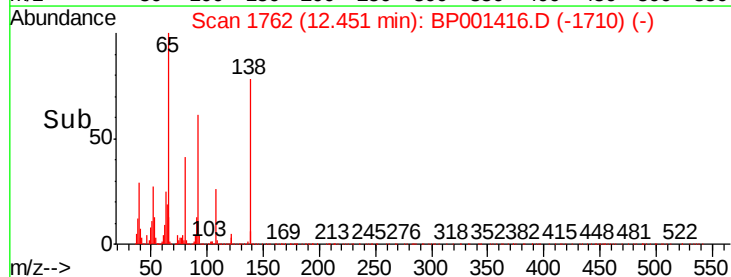
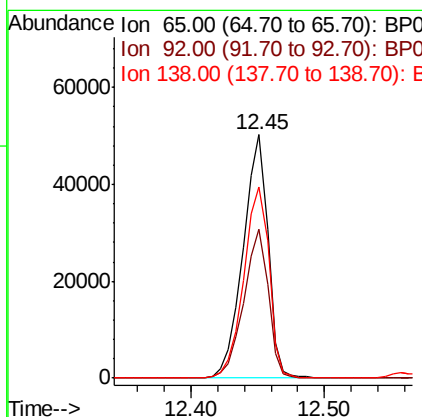
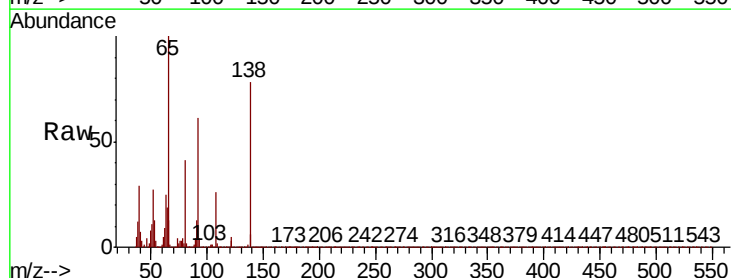
Instrument :
BNA_P
ClientSampleId :

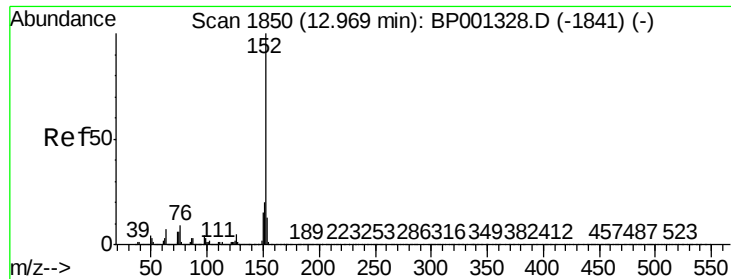
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	33.4	50.2
164	33.2	26.0	39.0



#48
2-Nitroaniline
Concen: 35.902 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.4	48.9	73.3
138	78.3	65.1	97.7





#49

Acenaphthylene

Concen: 40.216 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

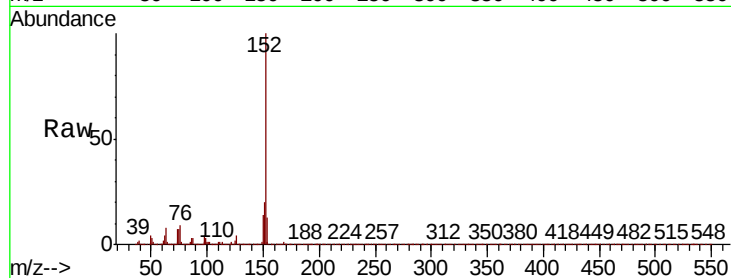
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 264180

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.6	23.4
153	12.8	10.3	15.5

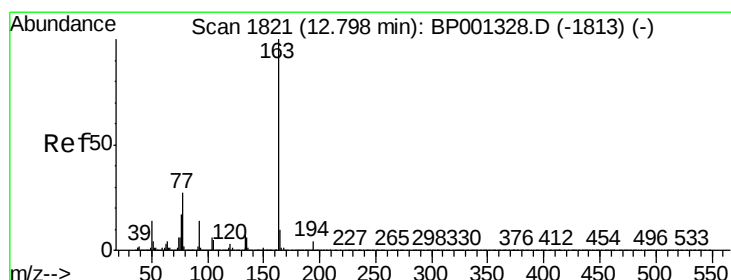
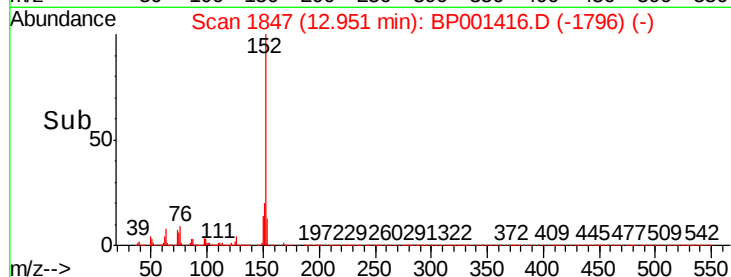
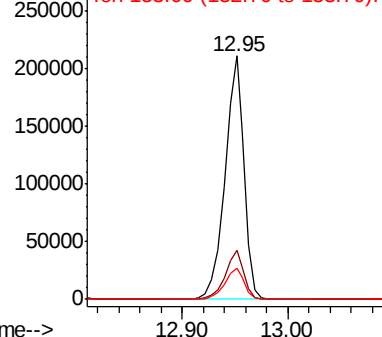


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.713 ng

RT: 12.78 min Scan# 1818

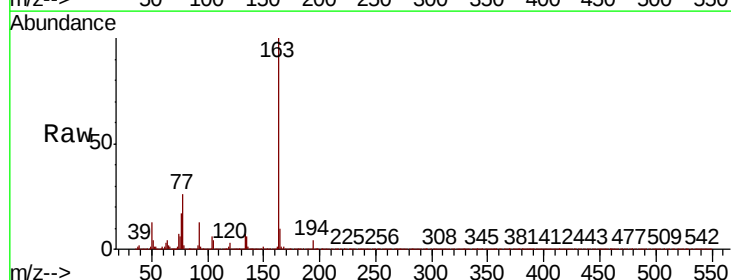
Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Tgt Ion:163 Resp: 205515

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.4	7.7	11.5

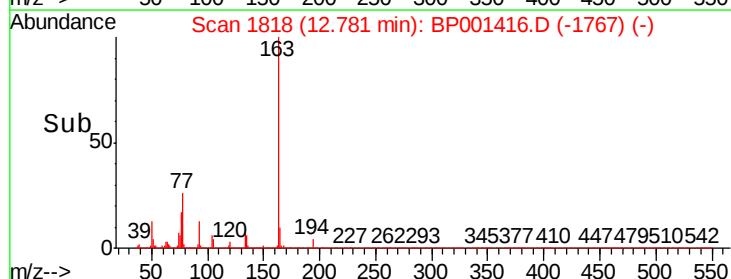
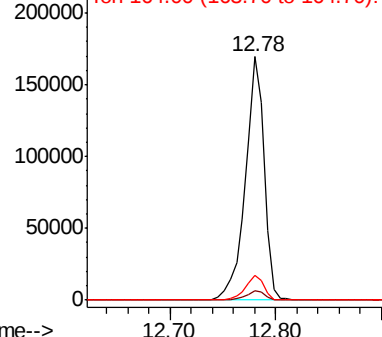


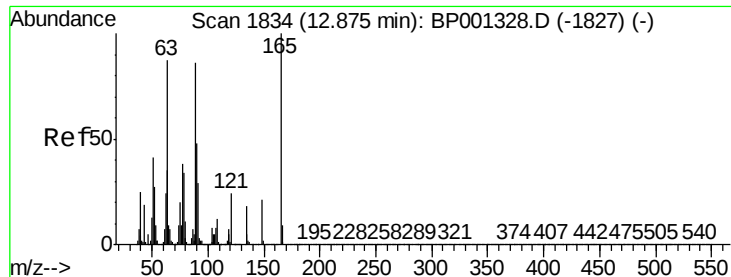
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

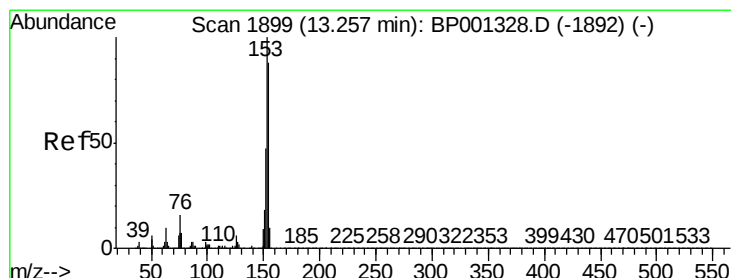
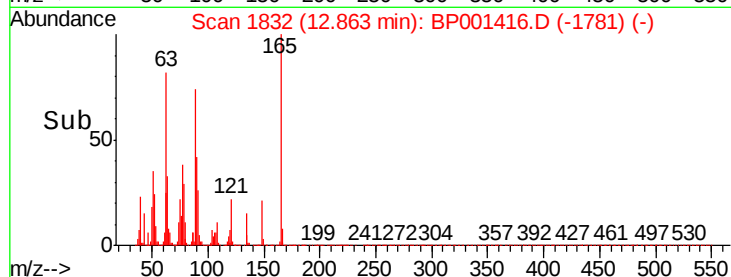
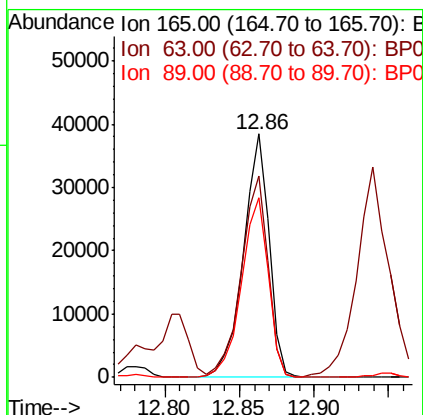
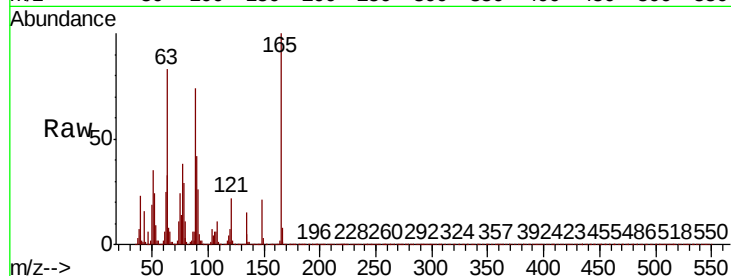




#51
 2,6-Dinitrotoluene
 Concen: 41.167 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

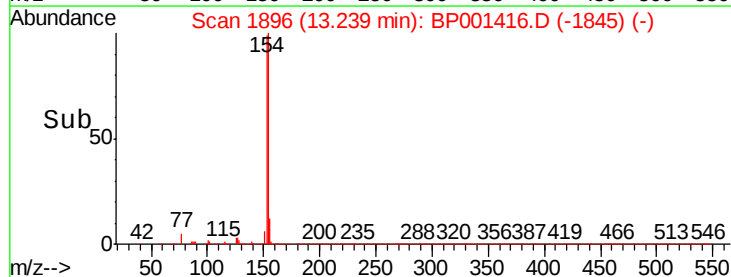
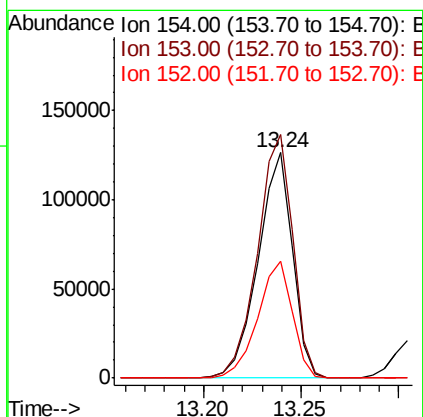
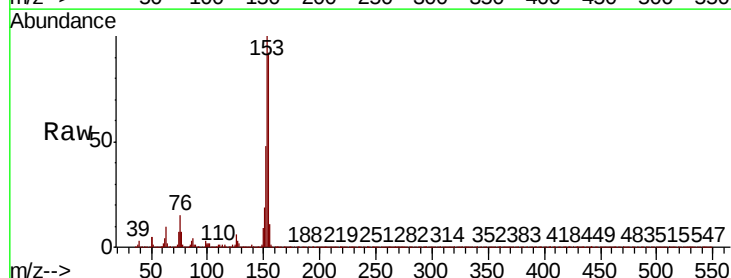
Instrument :
 BNA_P
 ClientSampleId :

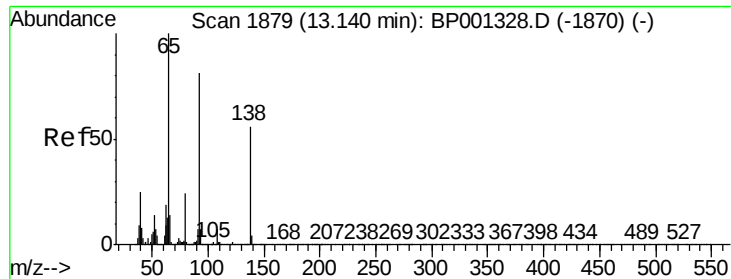
Tot Ion:165 Resp: 45552
 Ion Ratio Lower Upper
 165 100
 63 82.5 60.7 91.1
 89 73.9 55.4 83.0



#52
 Acenaphthene
 Concen: 38.940 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

Tgt Ion:154 Resp: 154119
 Ion Ratio Lower Upper
 154 100
 153 108.1 90.1 135.1
 152 51.8 41.8 62.6

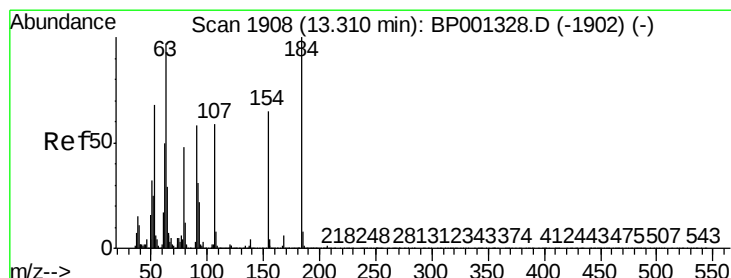
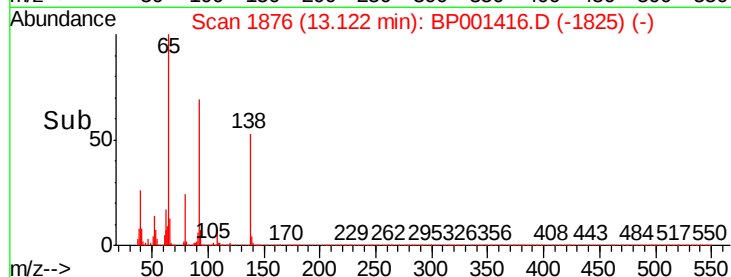
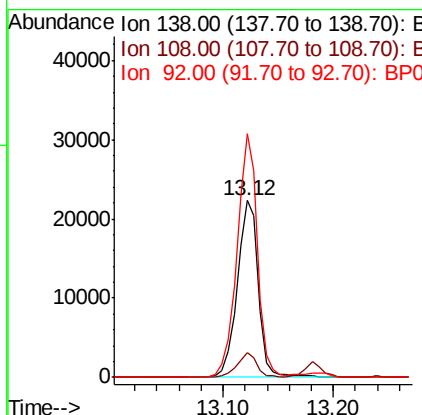
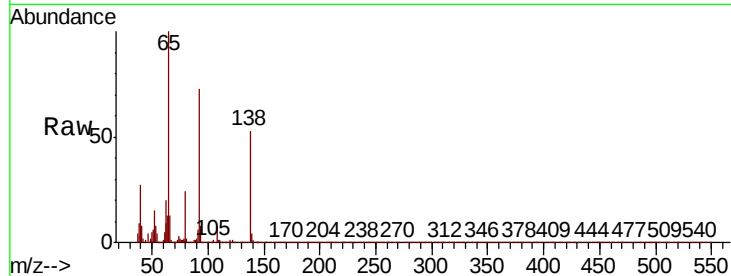




#53
3-Nitroaniline
Concen: 25.055 ng
RT: 13.12 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

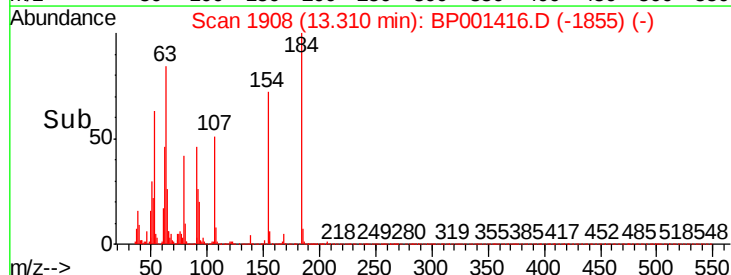
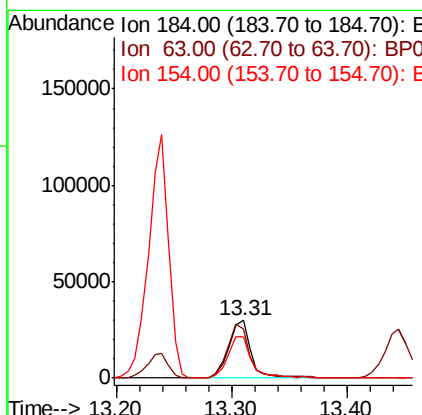
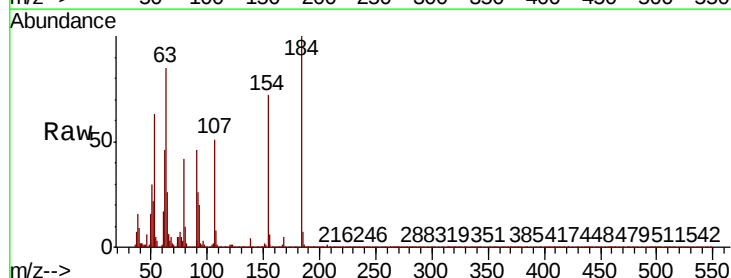
Instrument :
BNA_P
ClientSampleId :

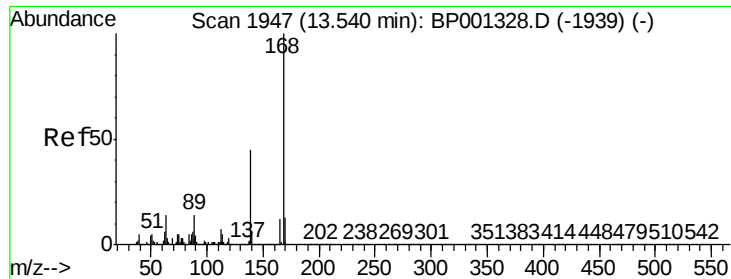
Tot Ion:138 Resp: 29757
Ion Ratio Lower Upper
138 100
108 14.3 10.0 15.0
92 137.9 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 94.394 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:184 Resp: 40332
Ion Ratio Lower Upper
184 100
63 84.6 69.5 104.3
154 72.0 58.5 87.7

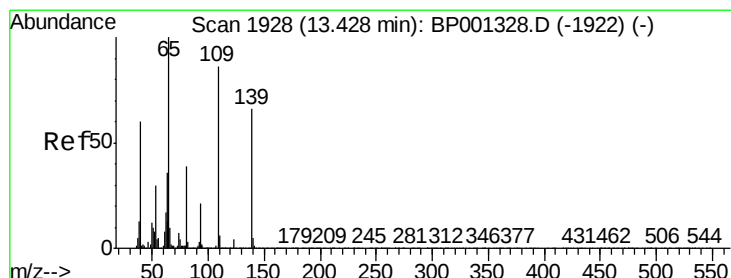
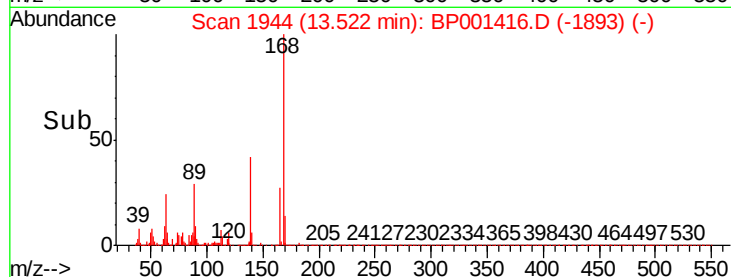
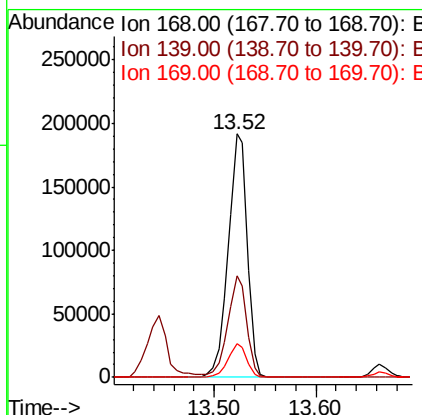
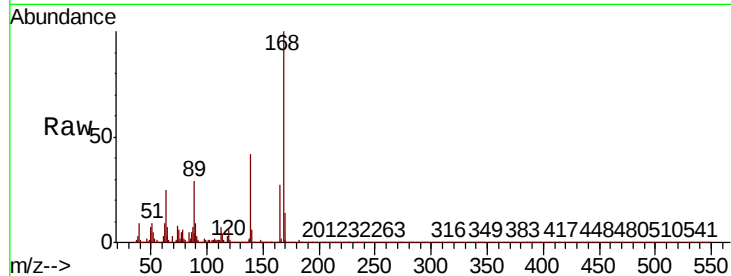




#55
Dibenzofuran
Concen: 40.259 ng
RT: 13.52 min Scan# 1944
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

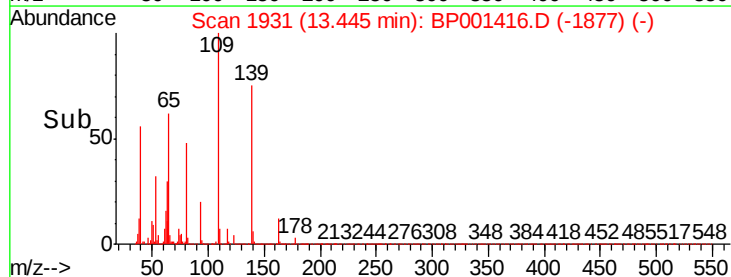
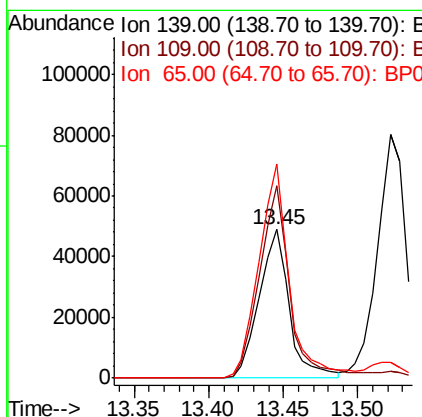
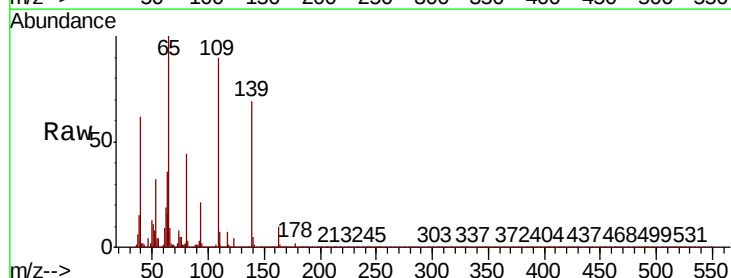
Instrument :
BNA_P
ClientSampled :

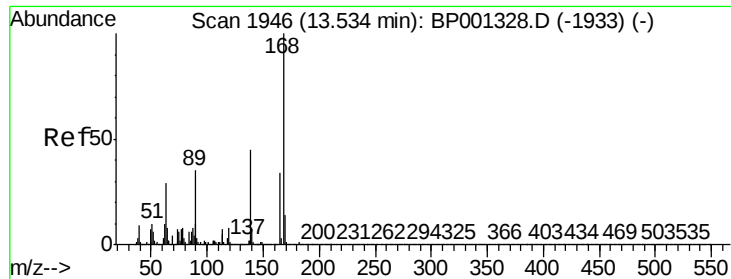
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.8	33.0	49.4
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 80.022 ng
RT: 13.45 min Scan# 1931
Delta R.T. 0.02 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	129.4	99.7	139.7
65	144.0	115.0	155.0

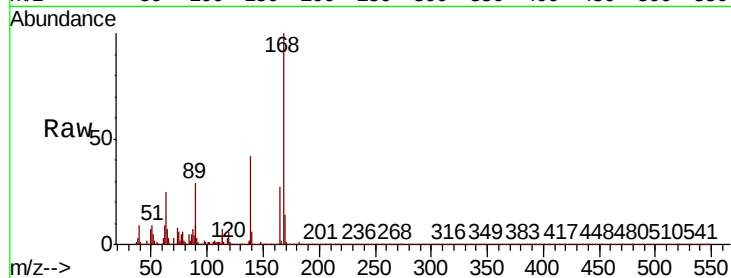




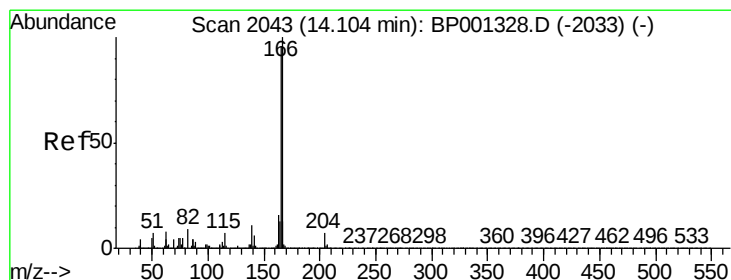
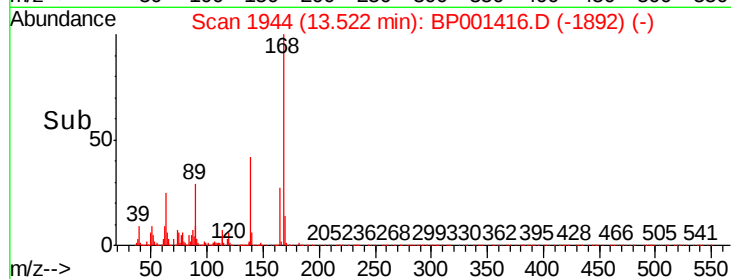
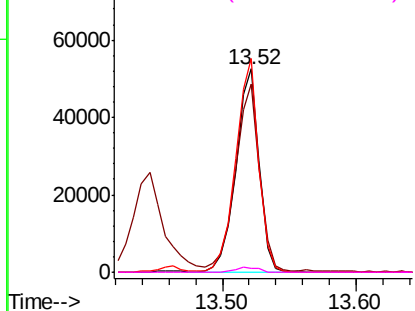
#57
2,4-Dinitrotoluene
Concen: 41.141 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	92.8	66.6	100.0
89	105.3	79.5	119.3
182	2.1	1.7	2.5

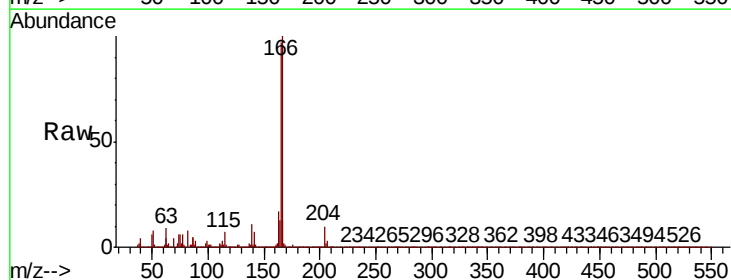


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

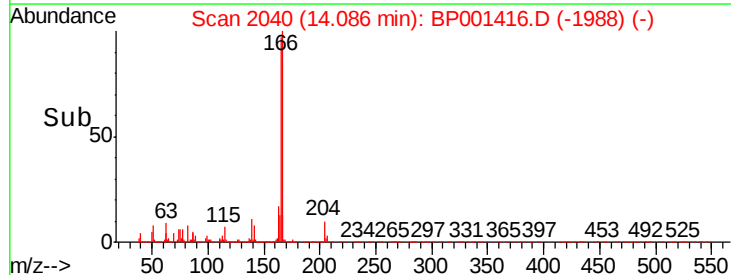
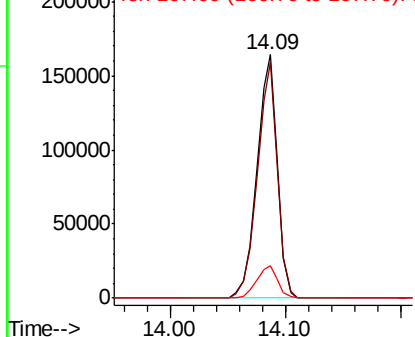


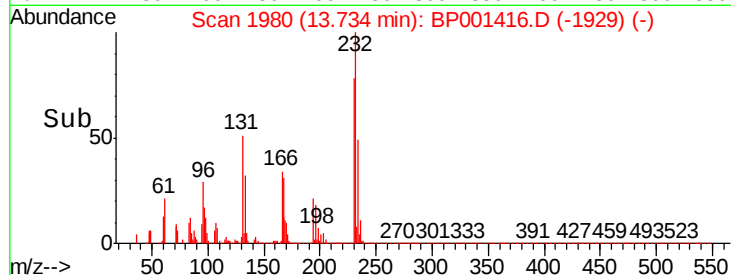
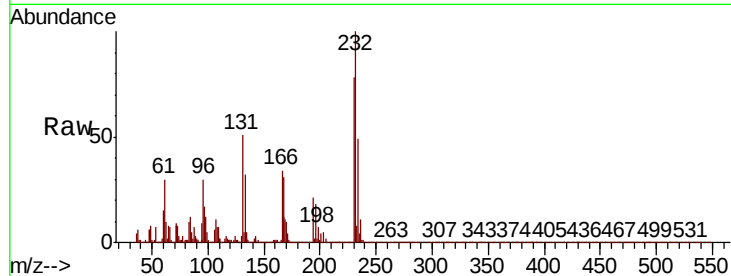
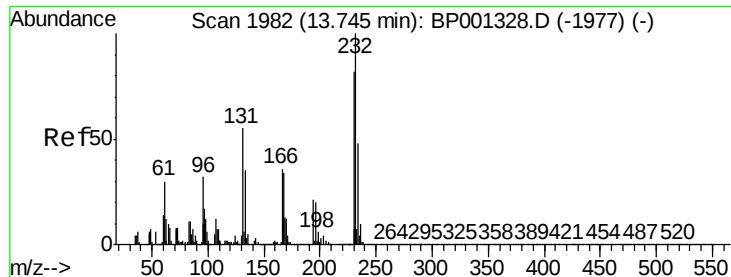
#58
Fluorene
Concen: 40.460 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	76.6	114.8
167	13.1	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

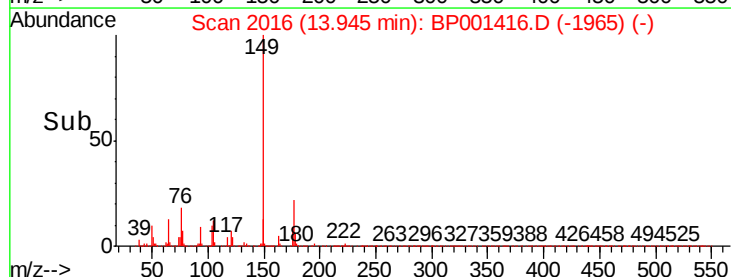
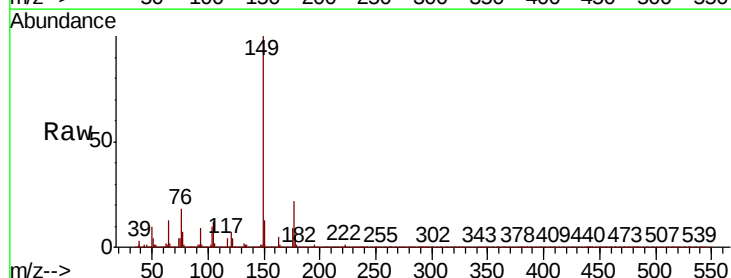
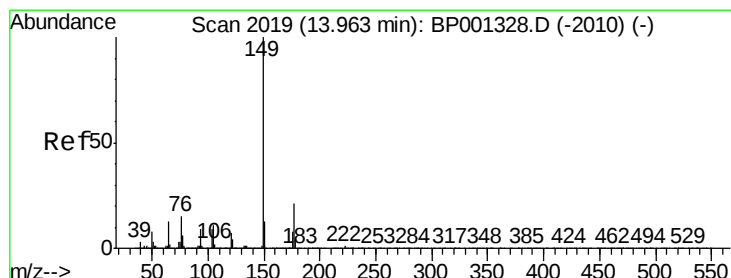
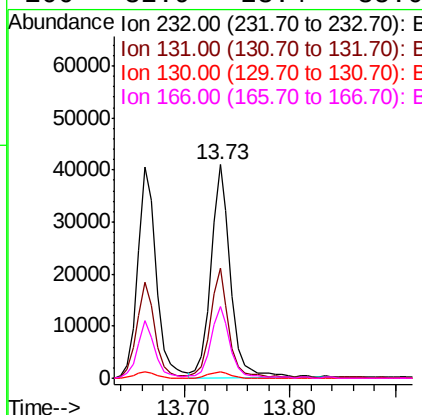




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.918 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

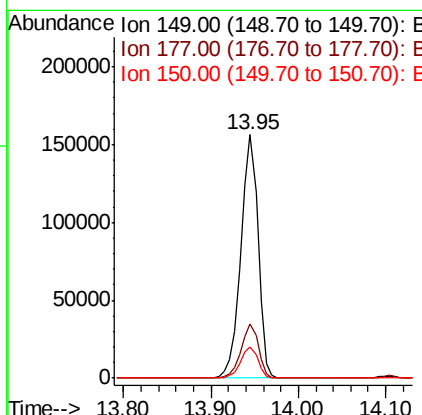
Instrument :
BNA_P
ClientSampleId :

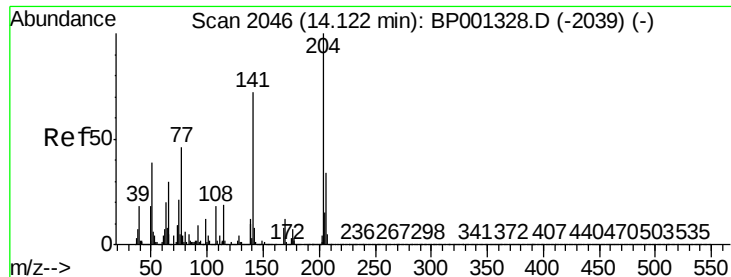
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.4	34.2	51.4
130	3.2	2.1	3.1#
166	32.9	23.4	35.0



#60
Diethylphthalate
Concen: 36.280 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.8	26.6
150	12.8	9.7	14.5

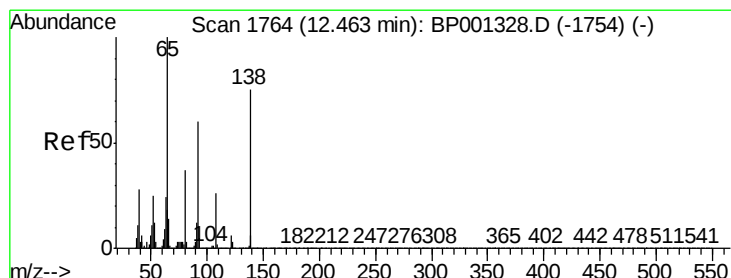
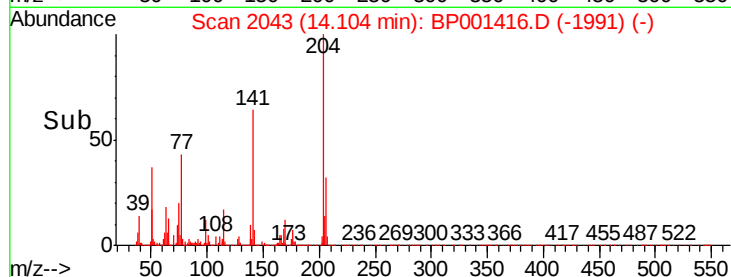
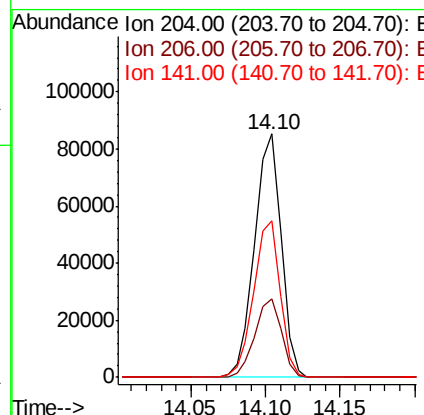
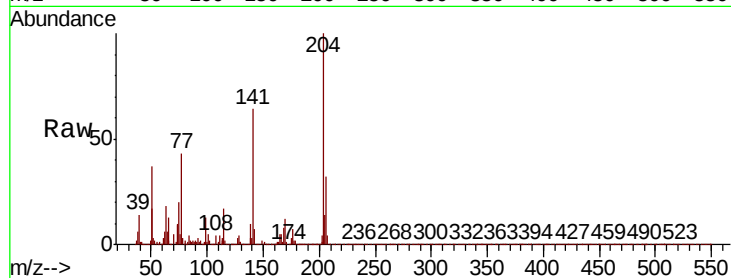




#61
4-Chlorophenyl-phenylether
Concen: 40.220 ng
RT: 14.10 min Scan# 2043
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

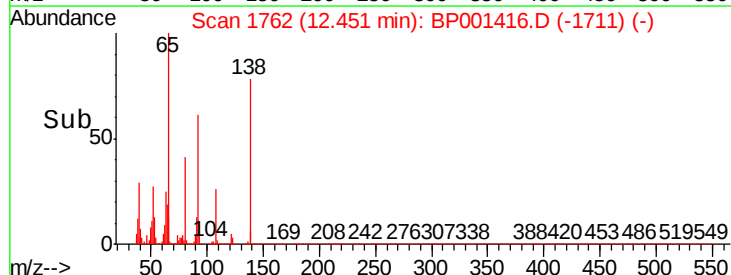
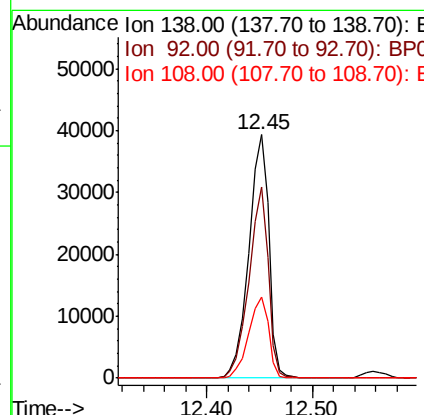
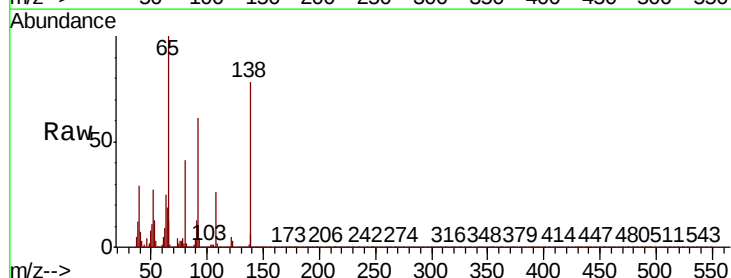
Instrument :
BNA_P
ClientSampled :

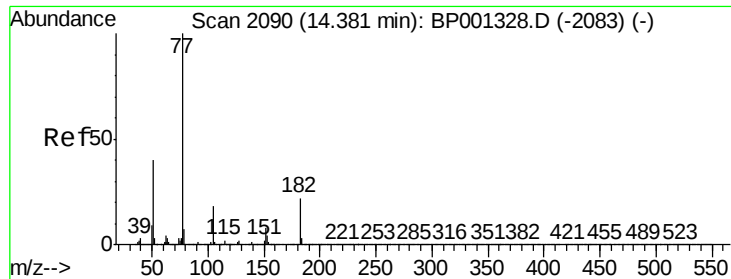
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	25.8	38.8
141	64.2	50.6	75.8



#62
4-Nitroaniline
Concen: 37.517 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	78.4	45.4	85.4
108	33.5	11.4	51.4





#63

Azobenzene

Concen: 36.972 ng

RT: 14.36 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampled :

Tot Ion: 77 Resp: 218774

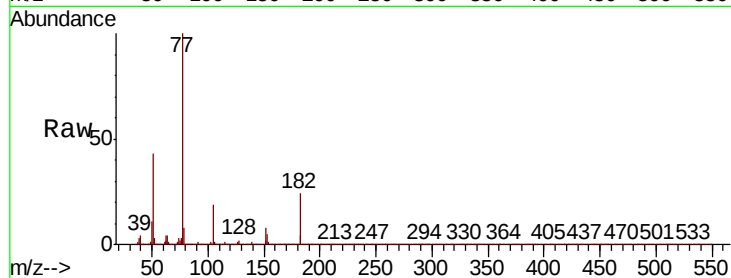
Ion Ratio Lower Upper

77 100

182 23.9 5.8 45.8

105 18.8 0.0 38.8

51 43.4 20.0 60.0

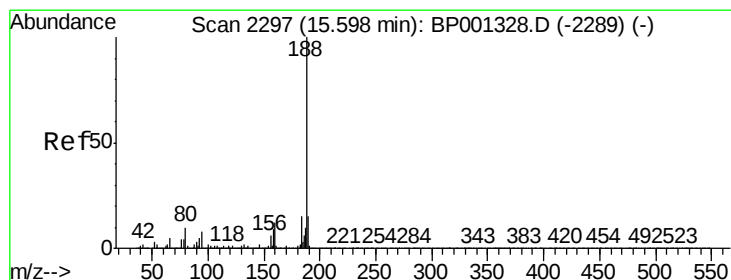
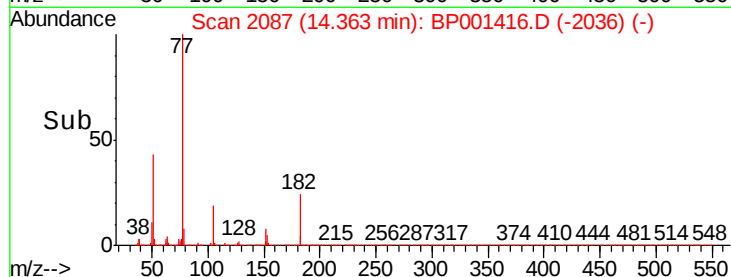
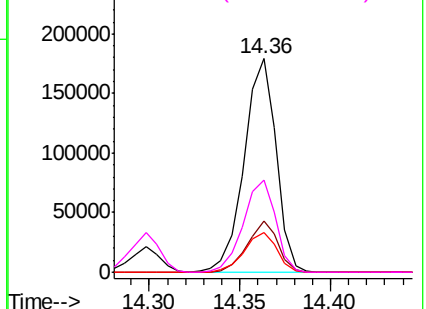


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

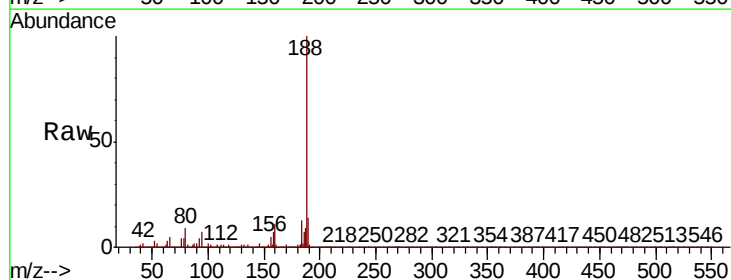
Tgt Ion: 188 Resp: 136651

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

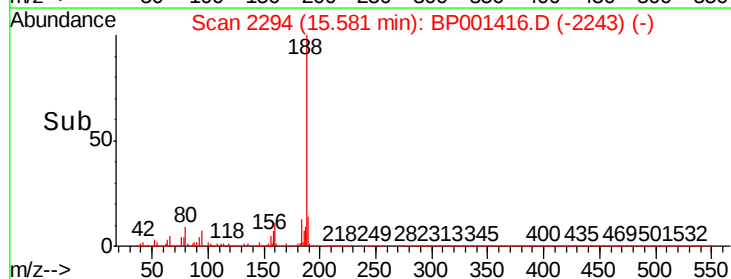
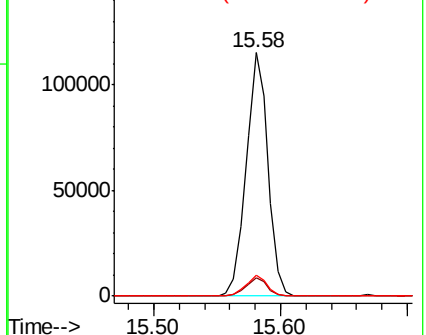
80 8.6 5.7 8.5#

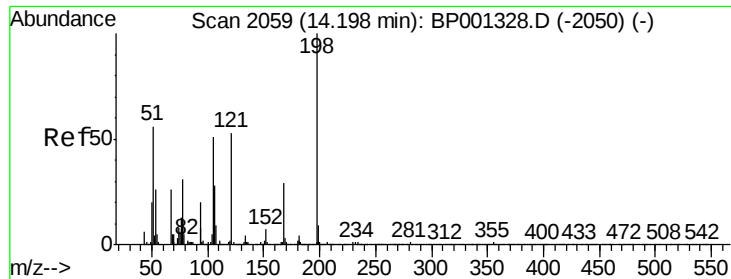


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

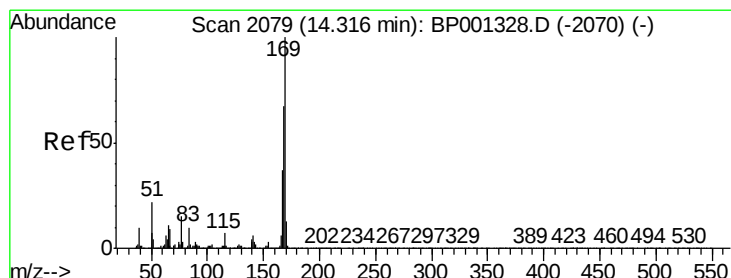
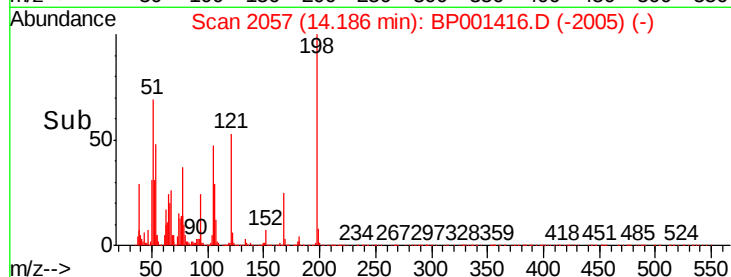
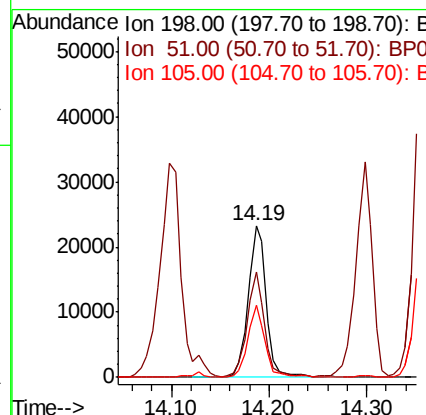
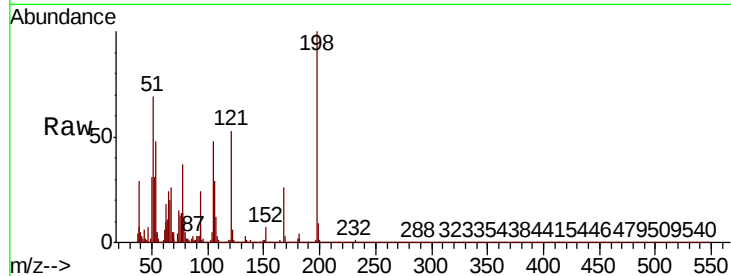




#65
4,6-Dinitro-2-methylphenol
Concen: 48.467 ng
RT: 14.19 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

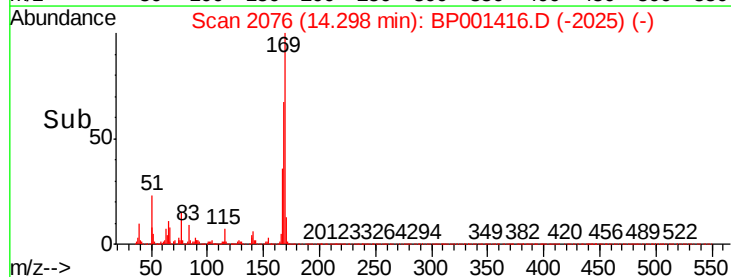
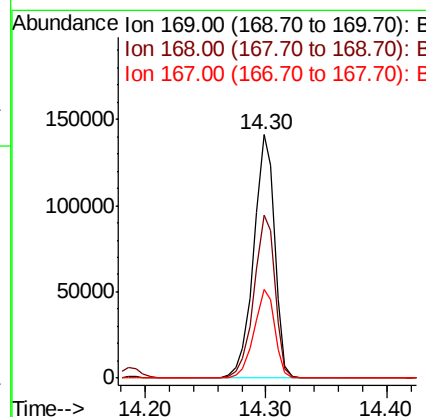
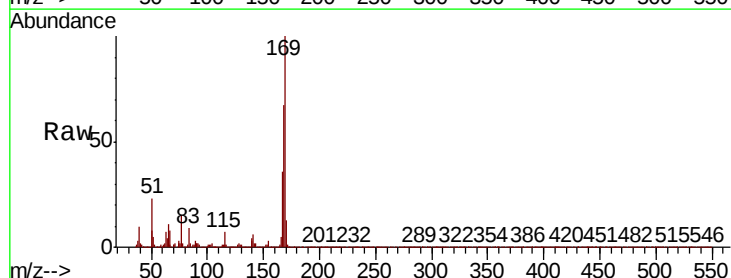
Instrument :
BNA_P
ClientSampled :

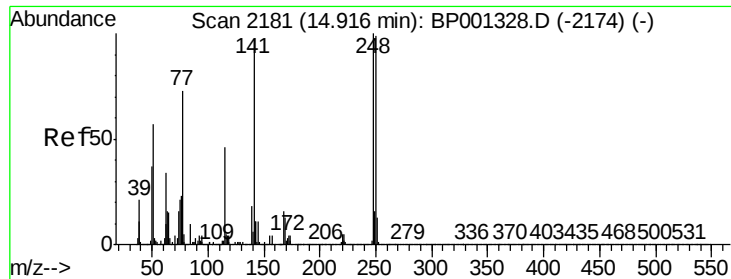
Tot Ion:198 Resp: 29662
Ion Ratio Lower Upper
198 100
51 69.4 42.2 82.2
105 47.6 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 39.654 ng
RT: 14.30 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:169 Resp: 171791
Ion Ratio Lower Upper
169 100
168 67.1 54.2 81.2
167 36.4 29.3 43.9

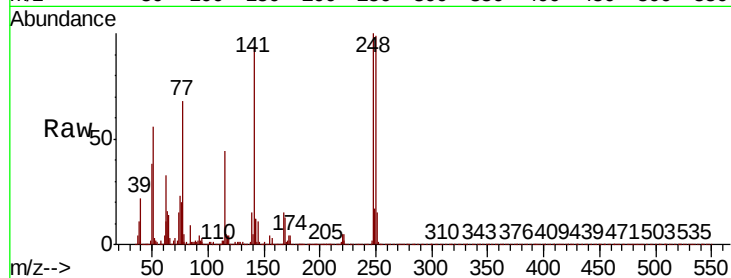




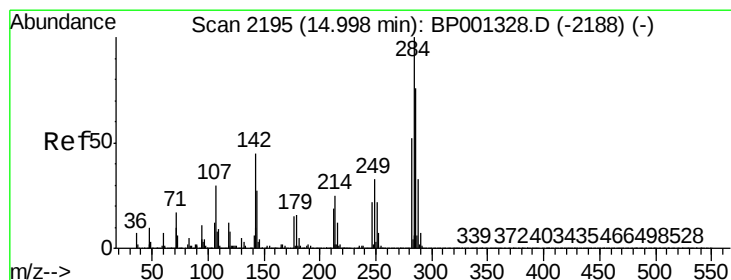
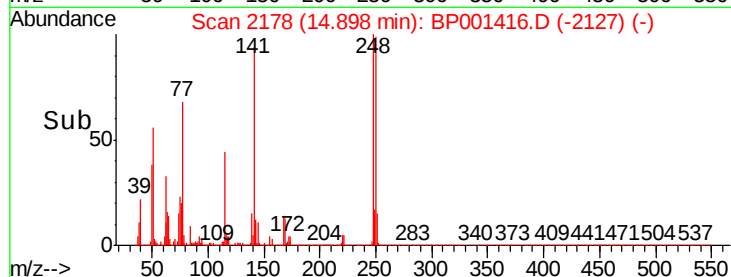
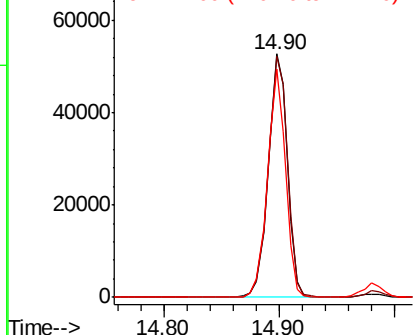
#67
4-Bromophenyl-phenylether
Concen: 37.806 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 61080
Ion Ratio Lower Upper
248 100
250 99.1 76.2 114.4
141 94.0 60.7 91.1#

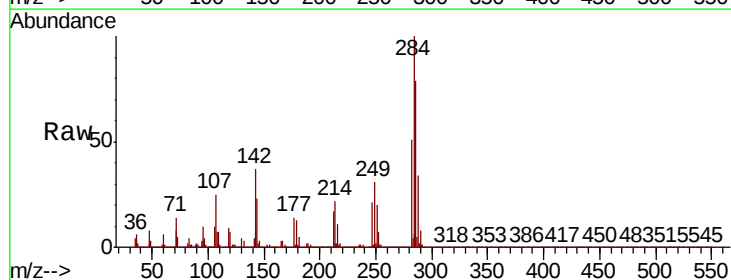


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

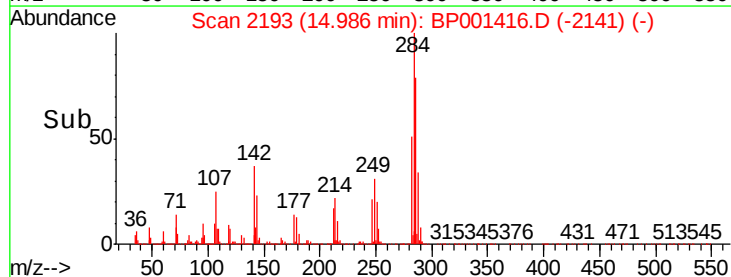
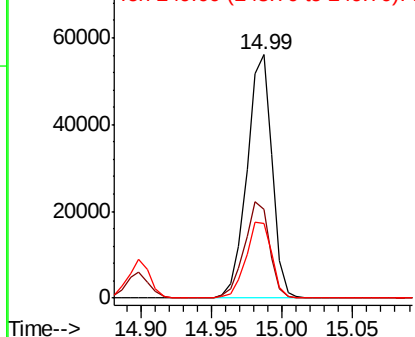


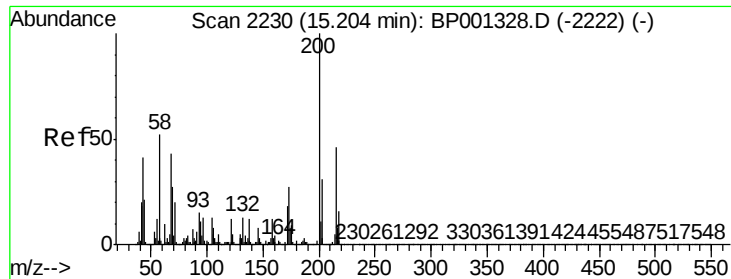
#68
Hexachlorobenzene
Concen: 37.868 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:284 Resp: 69650
Ion Ratio Lower Upper
284 100
142 36.6 28.7 43.1
249 30.6 27.0 40.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.580 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

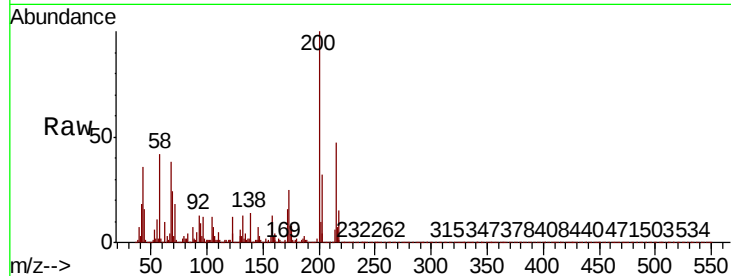
Tot Ion:200 Resp: 60036

Ion Ratio Lower Upper

200 100

173 25.2 3.9 43.9

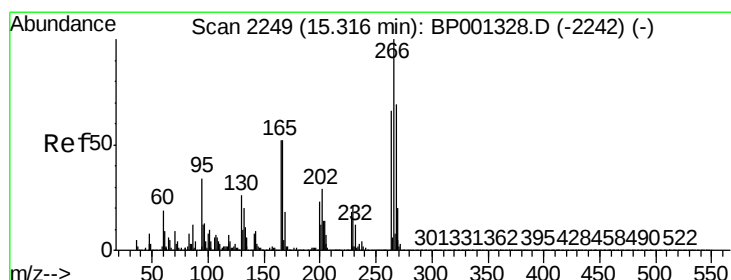
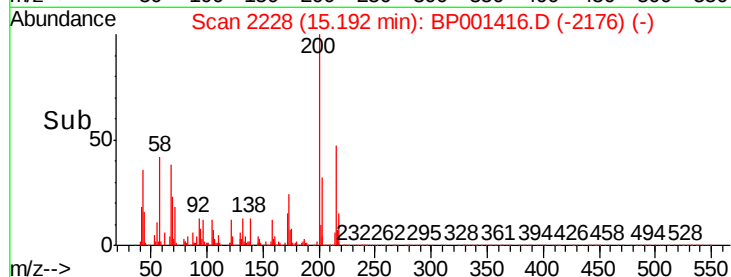
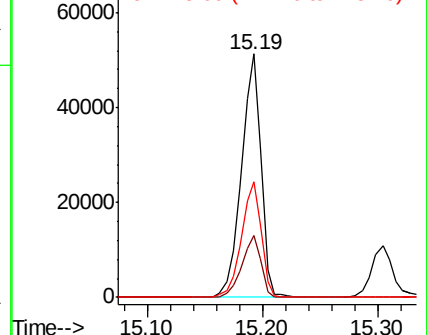
215 47.5 26.1 66.1



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: 76.850 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

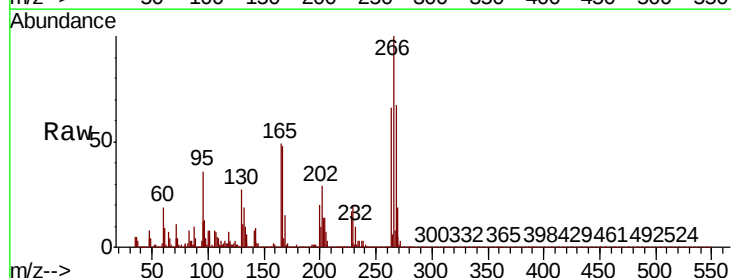
Tgt Ion:266 Resp: 72487

Ion Ratio Lower Upper

266 100

268 66.9 57.0 85.4

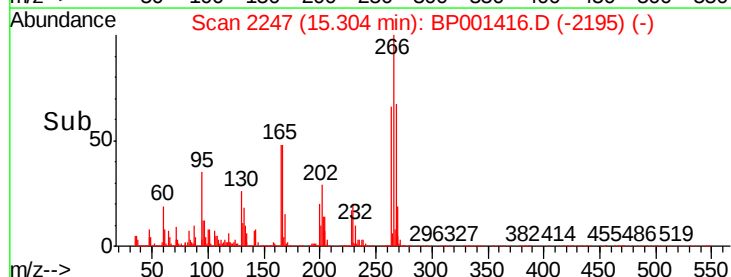
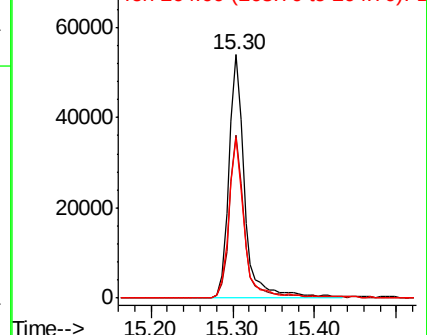
264 65.7 50.8 76.2

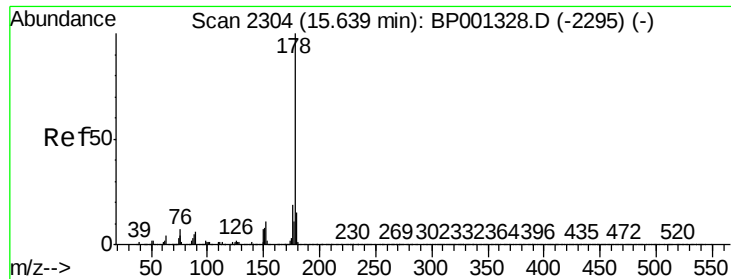


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

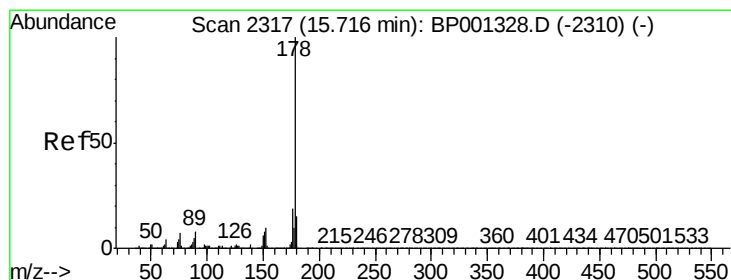
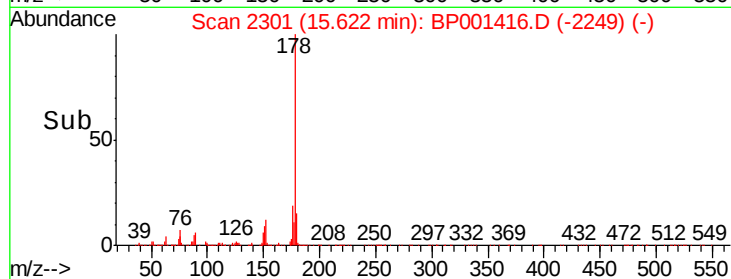
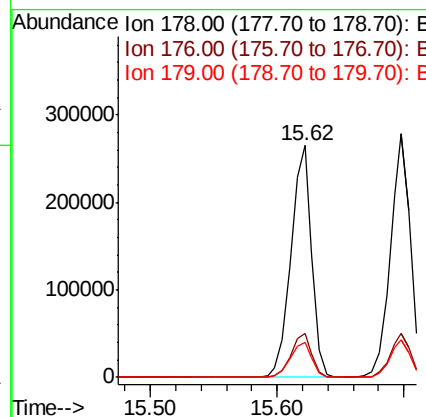
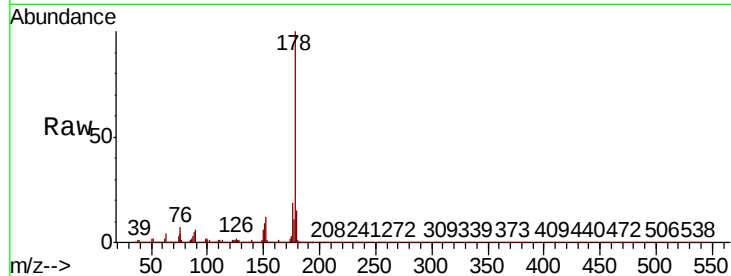




#71
Phenanthrene
Concen: 38.627 ng
RT: 15.62 min Scan# 2301
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

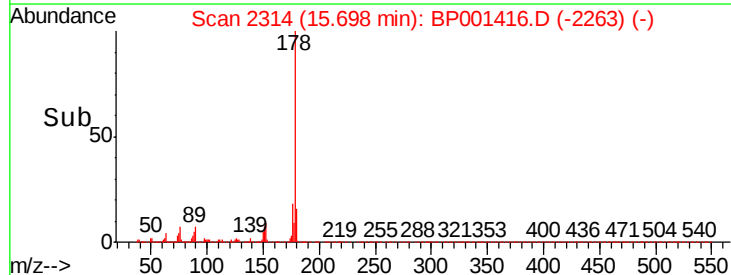
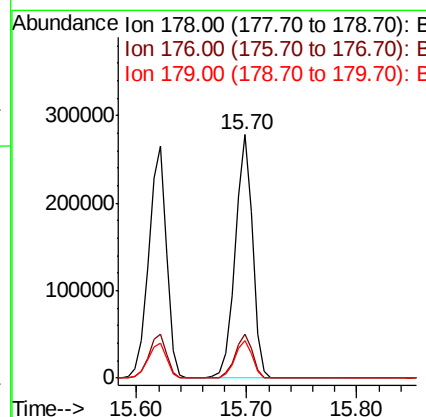
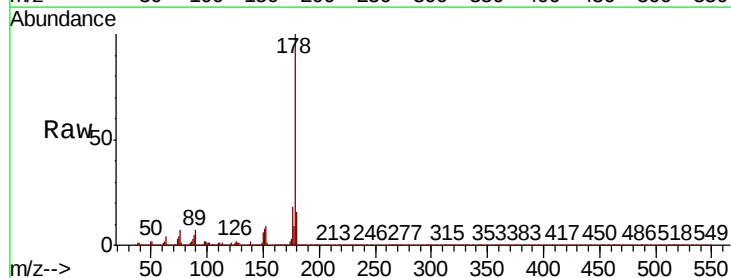
Instrument :
BNA_P
ClientSampleId :

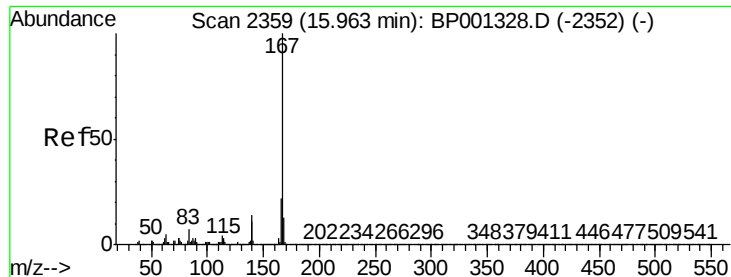
Tot Ion:178 Resp: 301150
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.9 12.2 18.2



#72
Anthracene
Concen: 39.815 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:178 Resp: 307291
Ion Ratio Lower Upper
178 100
176 18.1 14.5 21.7
179 15.6 11.8 17.8

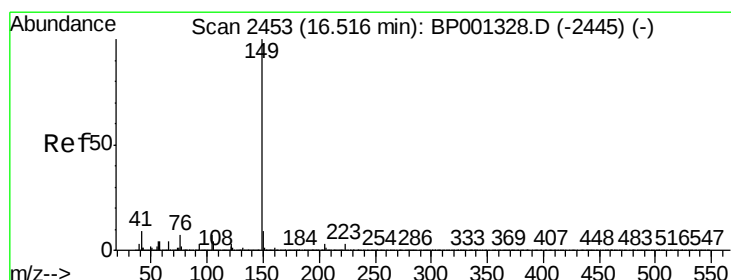
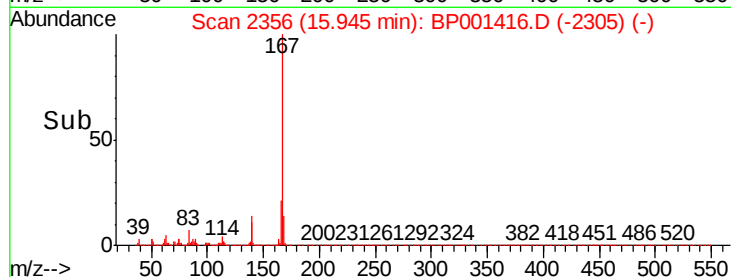
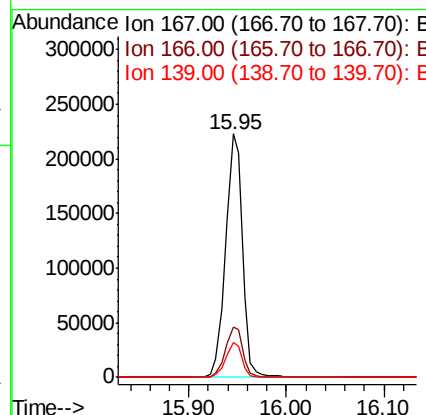
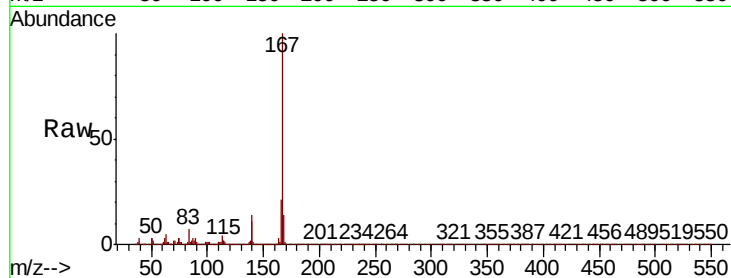




#73
 Carbazole
 Concen: 38.885 ng
 RT: 15.95 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

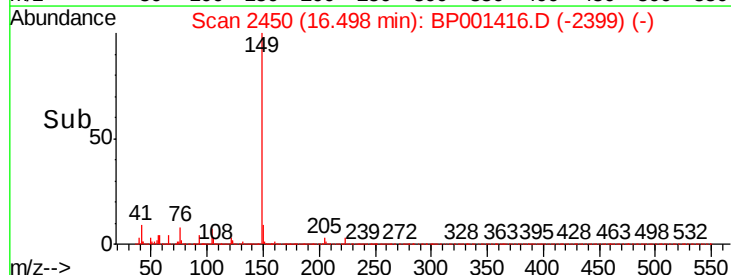
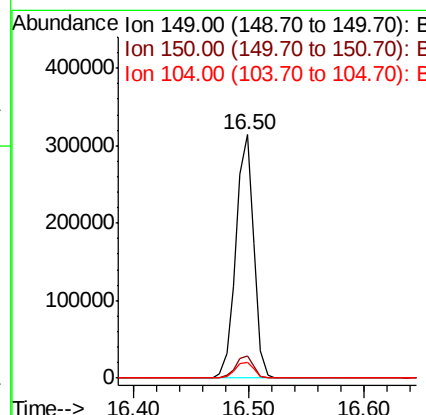
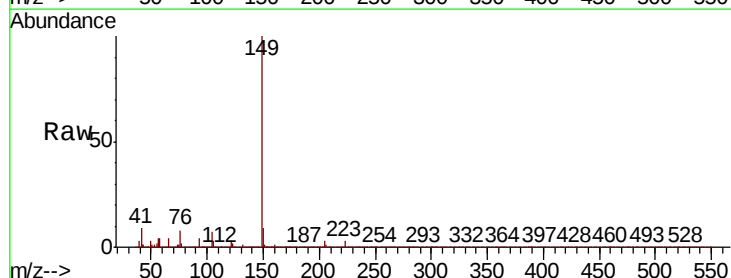
Instrument :
 BNA_P
 ClientSampleId :

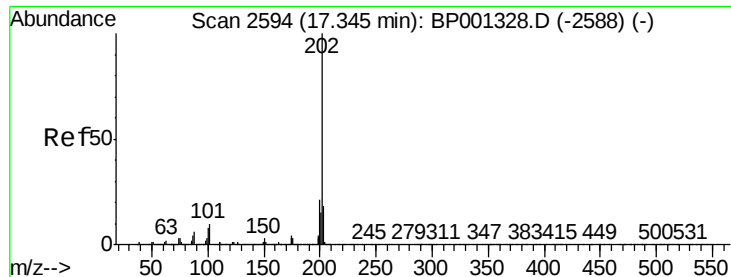
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.4	26.2
139	14.1	10.9	16.3



#74
 Di-n-butylphthalate
 Concen: 35.430 ng
 RT: 16.50 min Scan# 2450
 Delta R.T. -0.00 min
 Lab File: BP001416.D
 Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.0	10.6
104	6.7	5.2	7.8





#75

Fluoranthene

Concen: 39.207 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

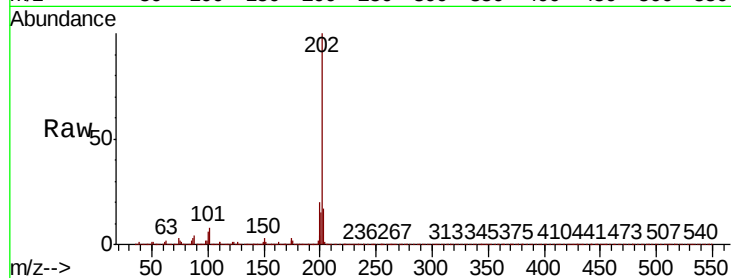
Tot Ion:202 Resp: 341794

Ion Ratio Lower Upper

202 100

101 8.3 0.0 28.7

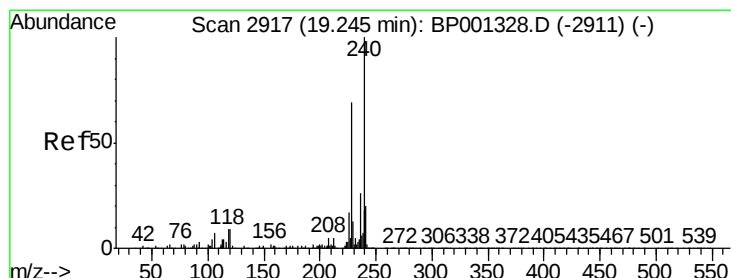
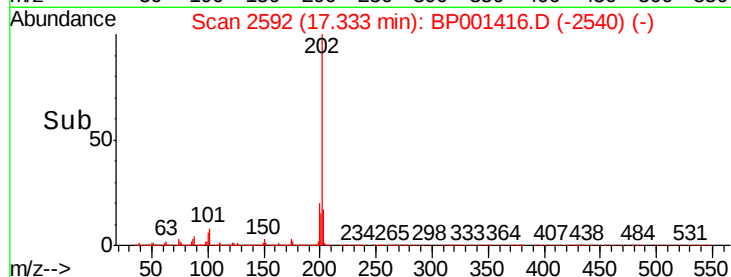
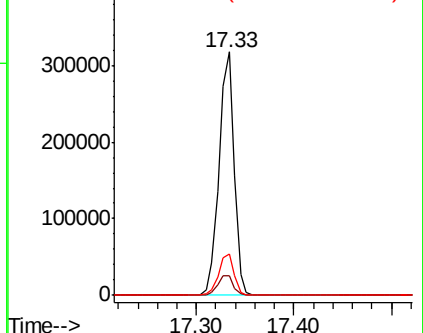
203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.23 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

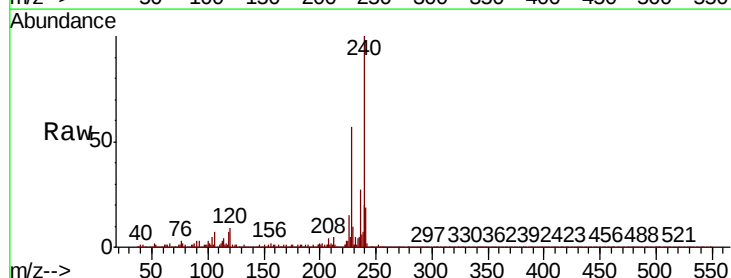
Tgt Ion:240 Resp: 108188

Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

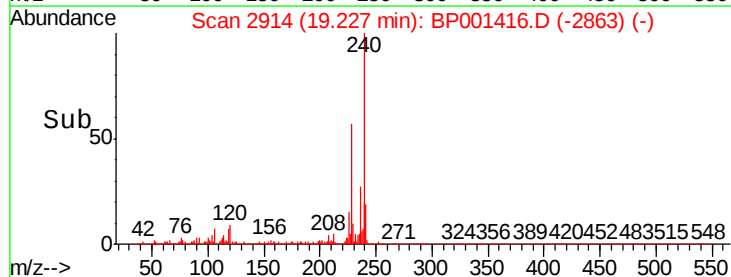
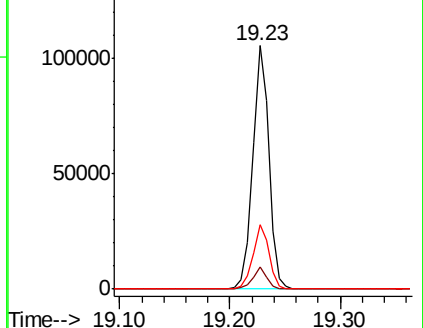
236 26.6 20.2 30.2

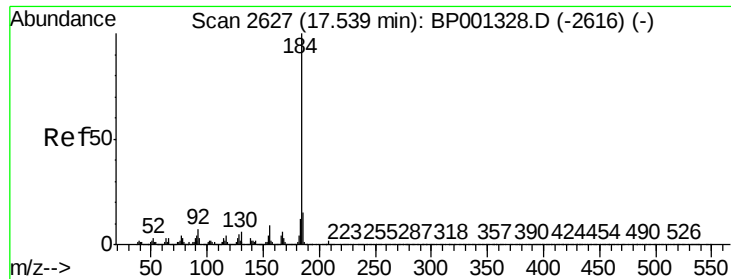


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

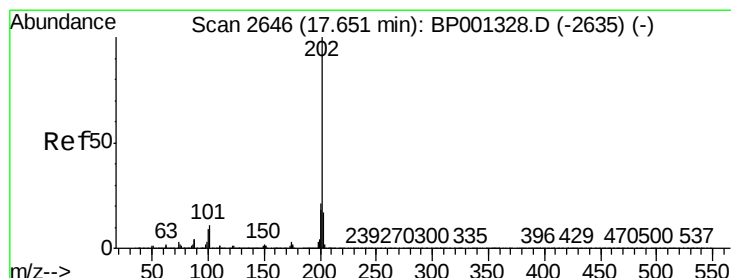
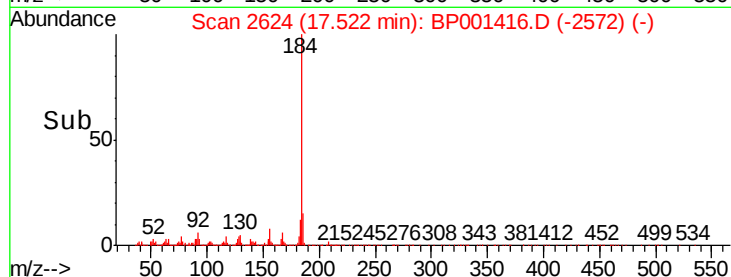
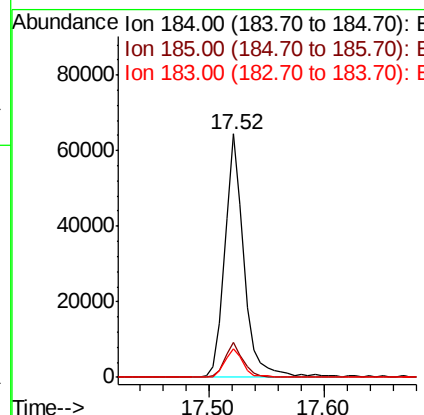
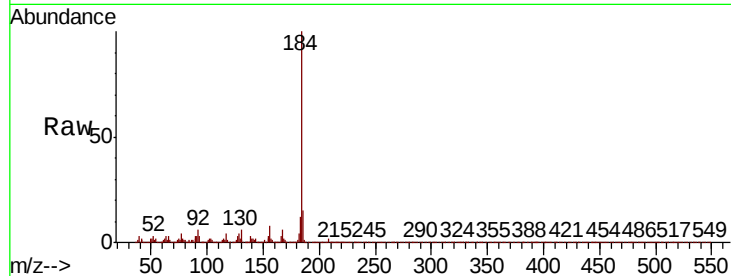




#77
Benzidine
Concen: 23.458 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

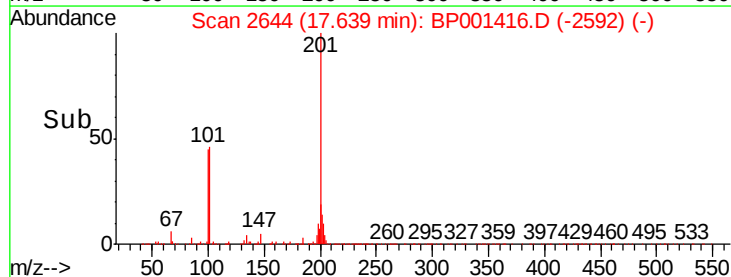
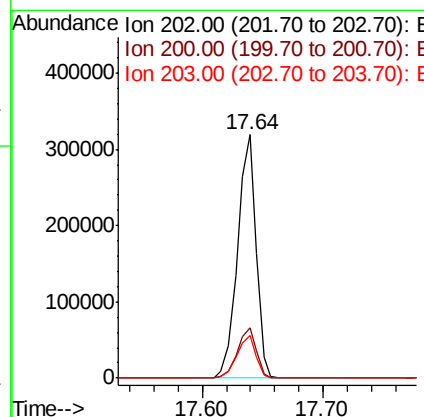
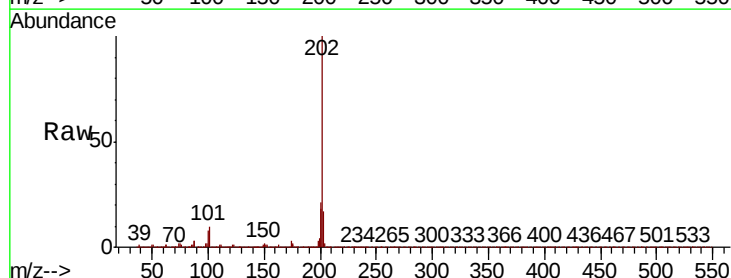
Instrument :
BNA_P
ClientSampleId :

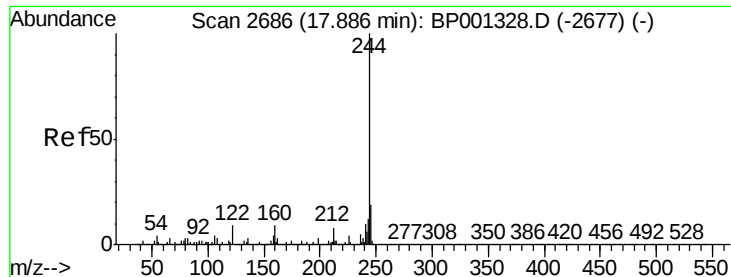
Tot Ion:184 Resp: 73891
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.8
183 11.8 9.6 14.4



#78
Pyrene
Concen: 40.757 ng
RT: 17.64 min Scan# 2644
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:202 Resp: 342360
Ion Ratio Lower Upper
202 100
200 20.8 16.6 25.0
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 77.986 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001416.D

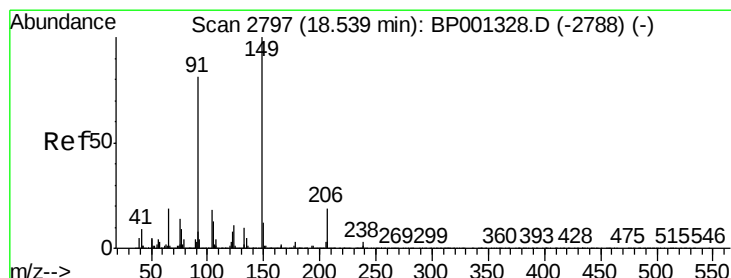
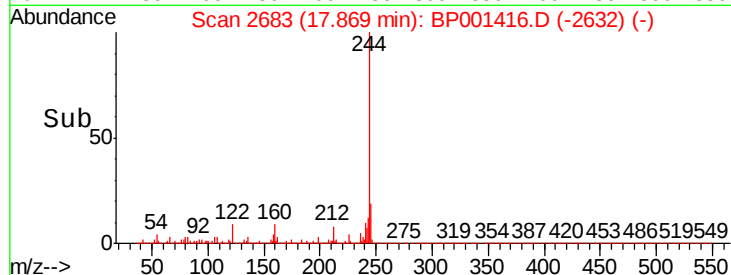
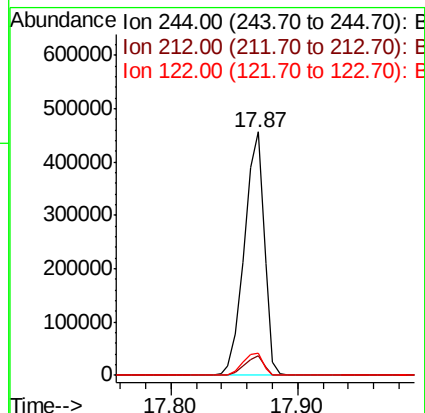
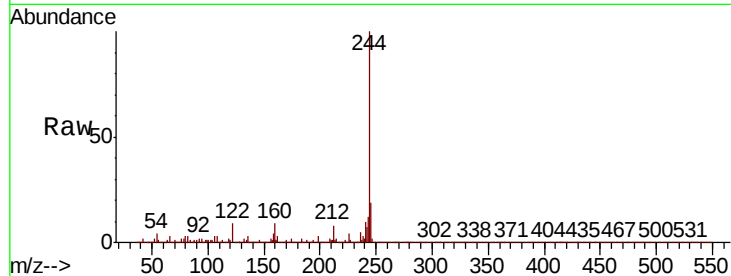
Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

Tot Ion:244	Resp:	492603
Ion Ratio	Lower	Upper
244	100	
212	7.8	5.8 8.8
122	9.3	6.4 9.6



#80

Butylbenzylphthalate

Concen: 35.244 ng

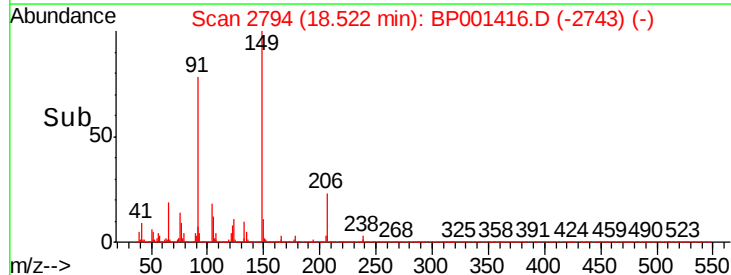
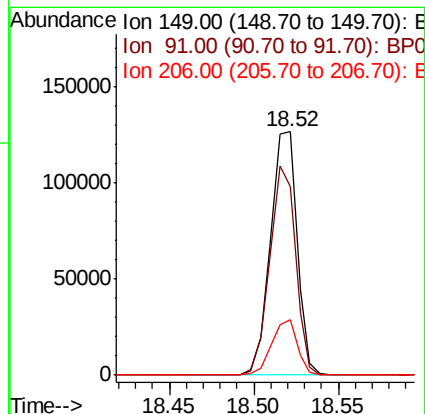
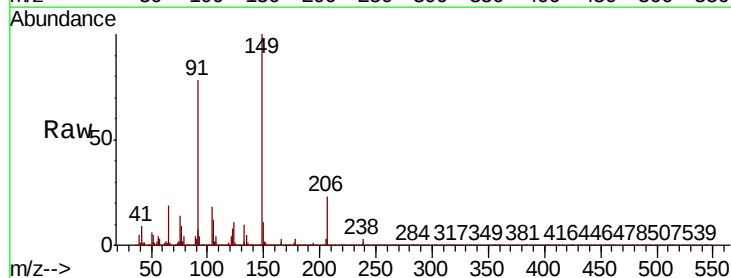
RT: 18.52 min Scan# 2794

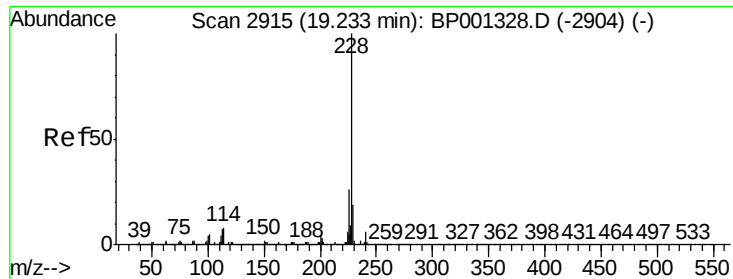
Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Tgt Ion:149	Resp:	138022
Ion Ratio	Lower	Upper
149	100	
91	77.6	59.8 89.6
206	22.6	18.3 27.5





#81

Benzo(a)anthracene

Concen: 38.963 ng

RT: 19.22 min Scan# 2912

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

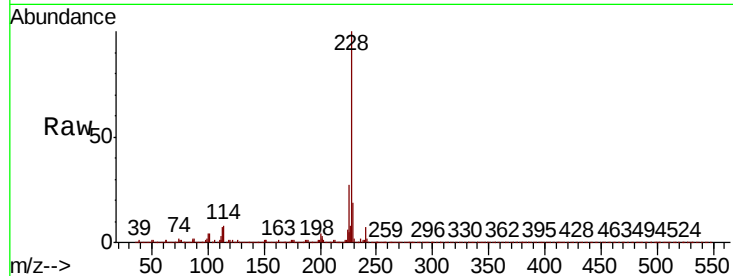
Tot Ion:228 Resp: 307160

Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.4	32.2
229	19.2	15.7	23.5

228 100

226 26.8 21.4 32.2

229 19.2 15.7 23.5

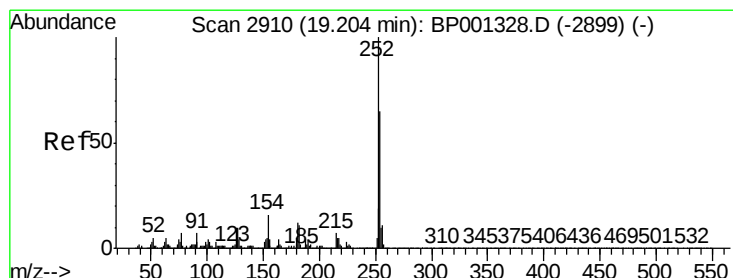
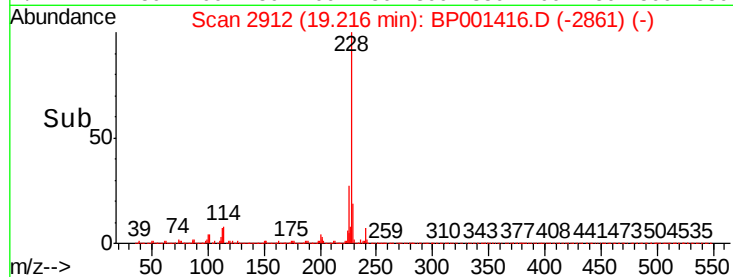
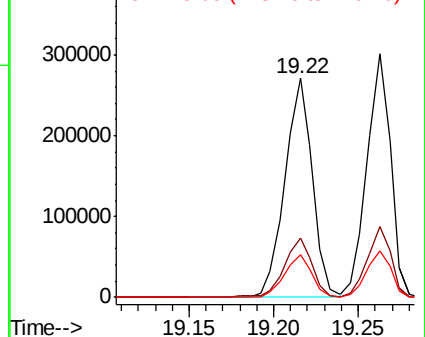


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.955 ng

RT: 19.19 min Scan# 2907

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

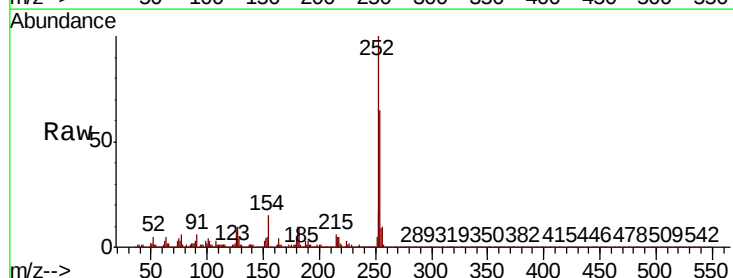
Tgt Ion:252 Resp: 98427

Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	8.3	7.3	10.9

252 100

254 64.6 52.3 78.5

126 8.3 7.3 10.9

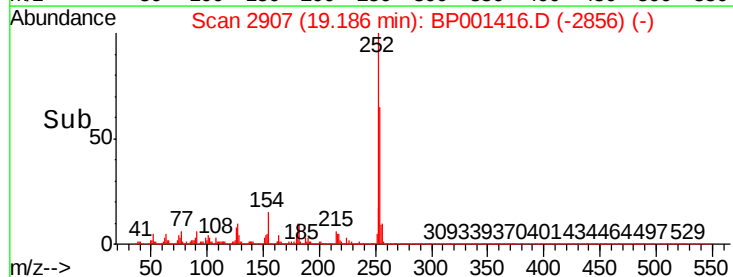
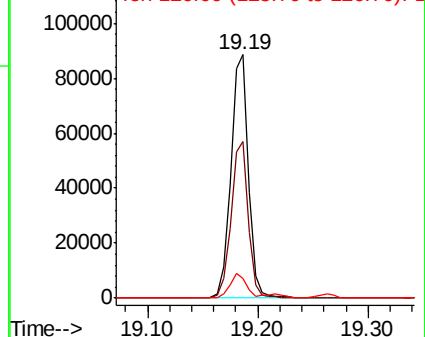


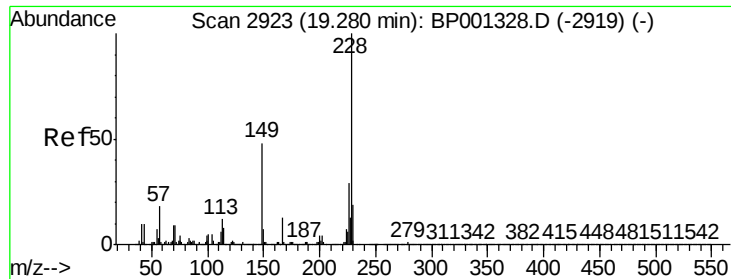
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.793 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

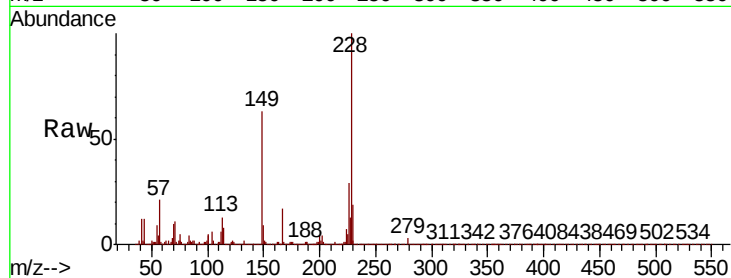
Tot Ion:228 Resp: 295190

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

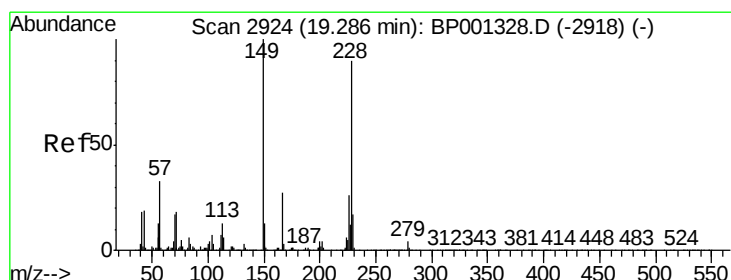
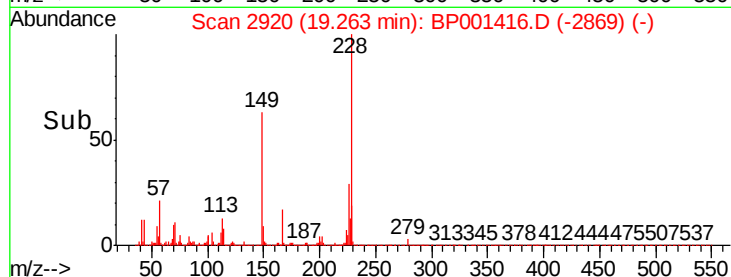
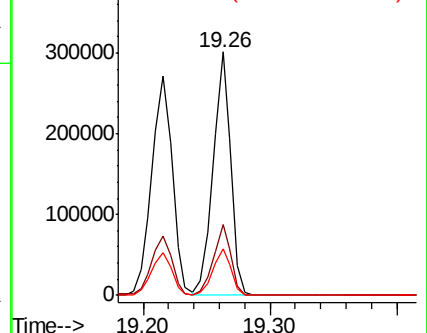
229 18.9 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.137 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

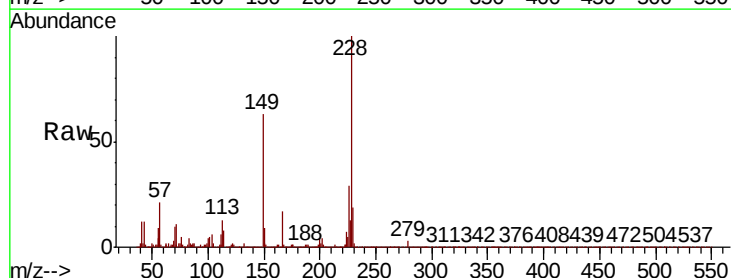
Tgt Ion:149 Resp: 201917

Ion Ratio Lower Upper

149 100

167 26.9 21.4 32.0

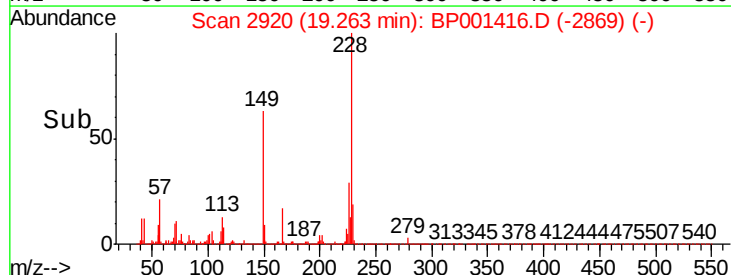
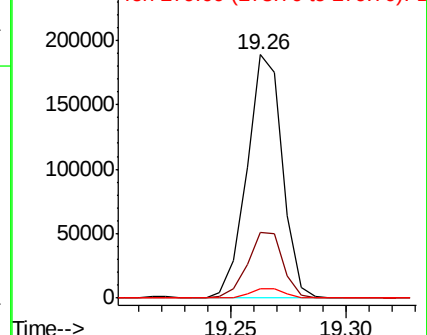
279 4.0 3.2 4.8

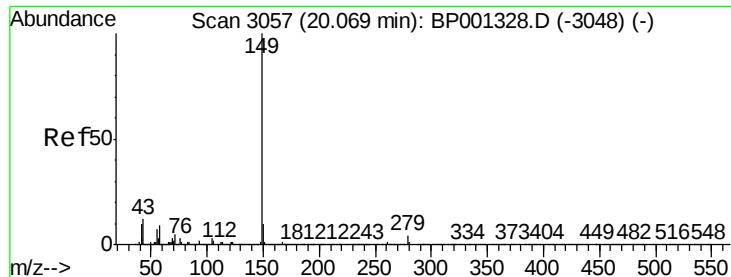


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.034 ng

RT: 20.04 min Scan# 3053

Delta R.T. -0.00 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

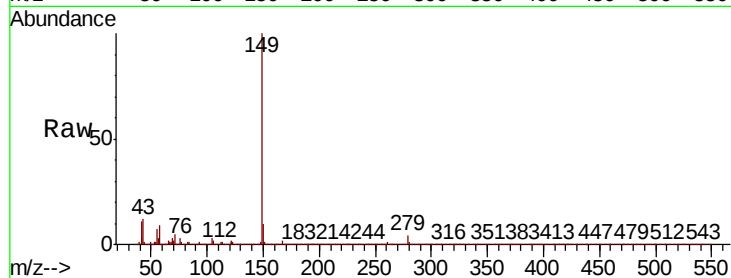
Tot Ion:149 Resp: 324153

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

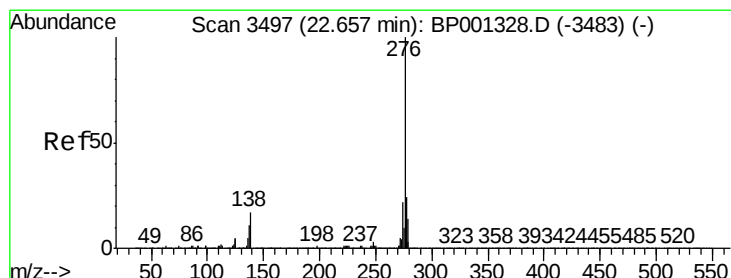
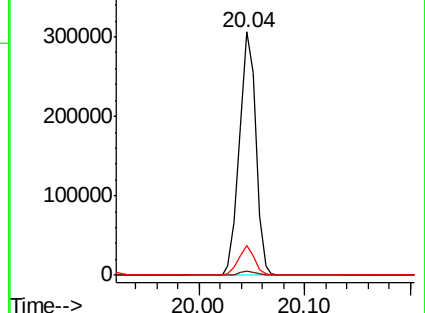
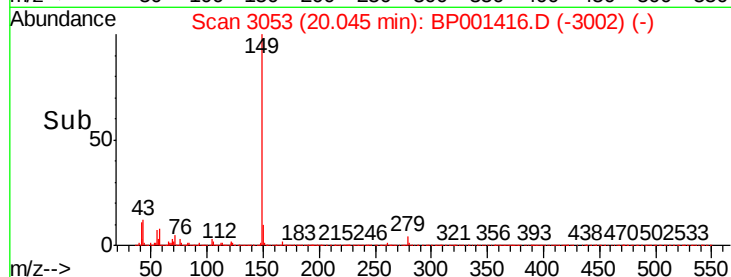
43 11.5 8.6 13.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.875 ng

RT: 22.63 min Scan# 3492

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

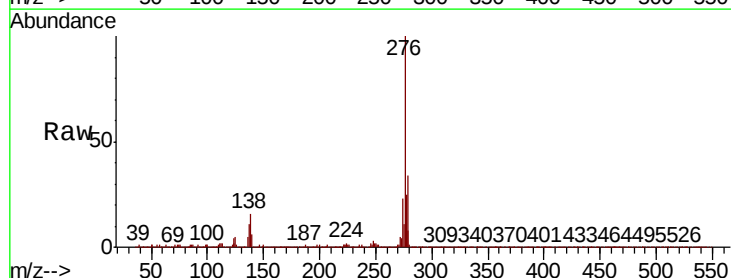
Tgt Ion:276 Resp: 286606

Ion Ratio Lower Upper

276 100

138 17.7 12.8 19.2

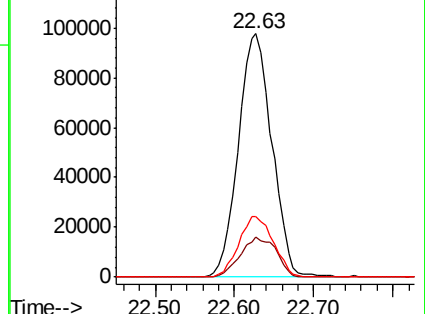
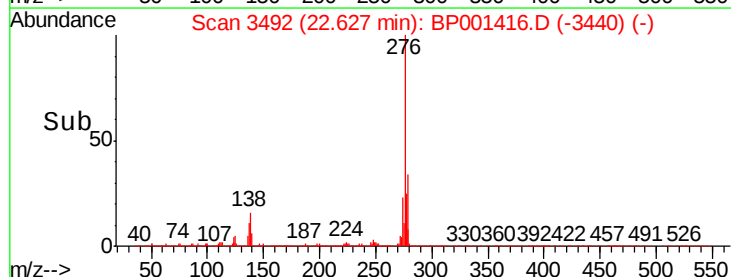
277 25.8 19.9 29.9

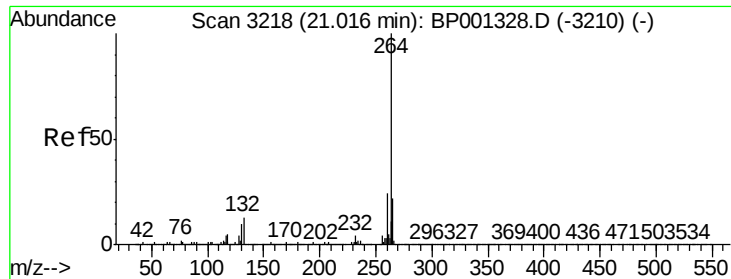


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

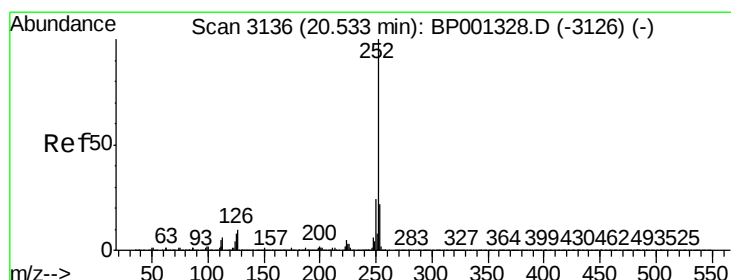
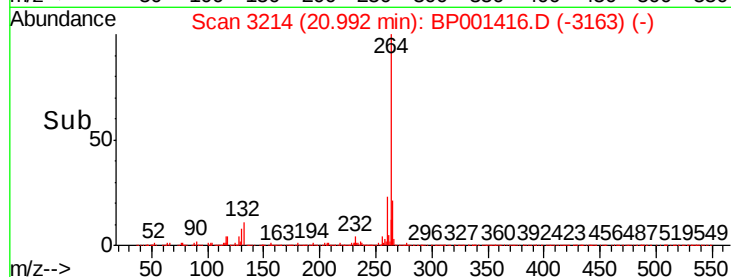
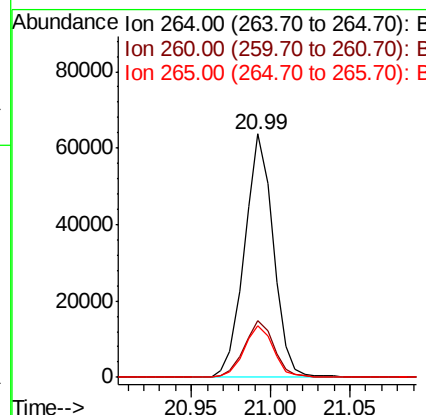
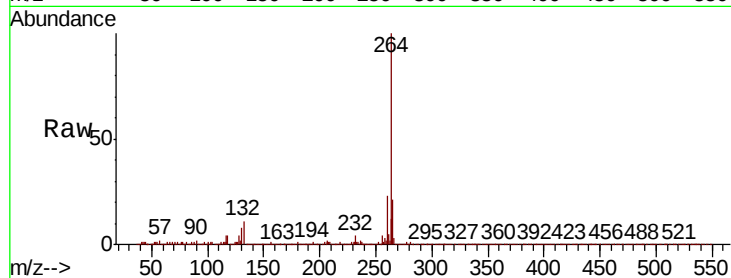




#87
Pervlene-d12
Concen: 20.000 ng
RT: 20.99 min Scan# 3214
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

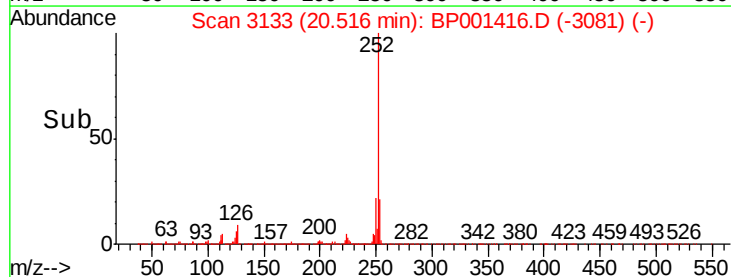
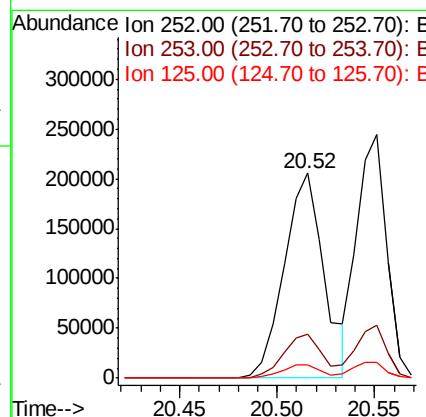
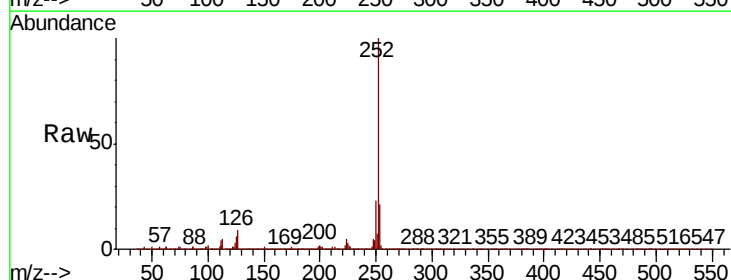
Instrument :
BNA_P
ClientSampleId :

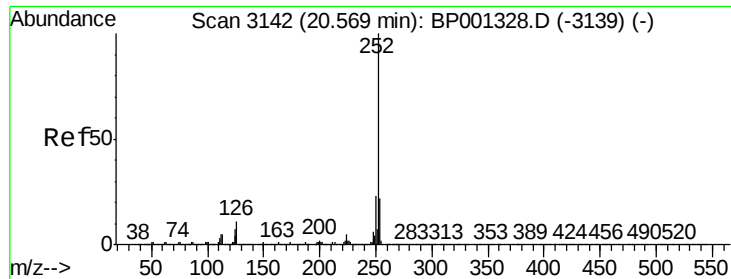
Tot Ion:264 Resp: 80241
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.4
265 21.0 17.0 25.4



#88
Benzo(b)fluoranthene
Concen: 55.192 ng
RT: 20.52 min Scan# 3133
Delta R.T. 0.01 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion:252 Resp: 290847
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 6.4 5.6 8.4

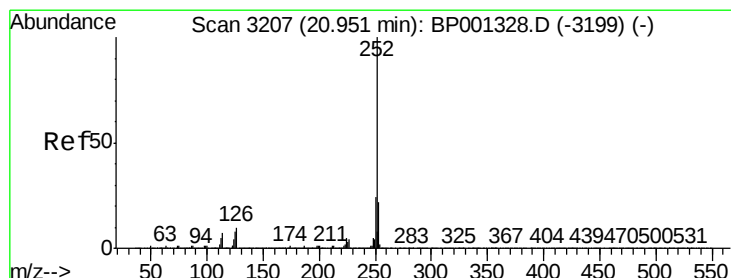
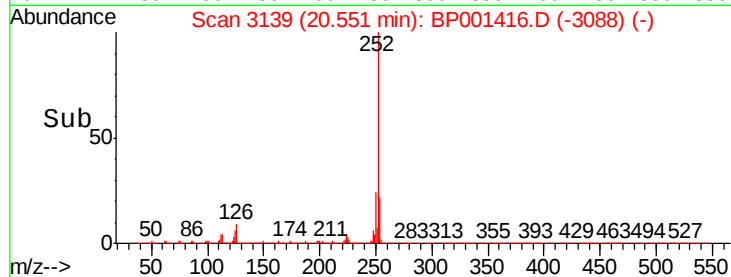
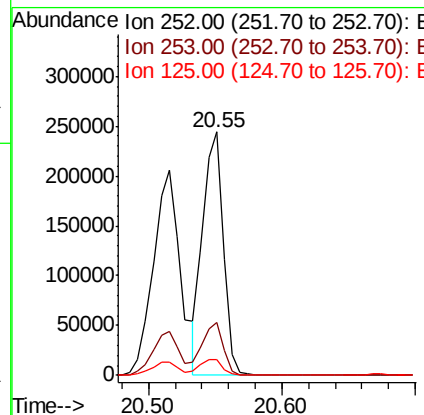
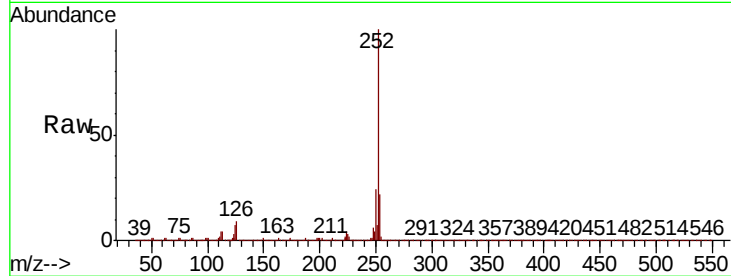




#89
Benzo(k)fluoranthene
Concen: 51.397 ng
RT: 20.55 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

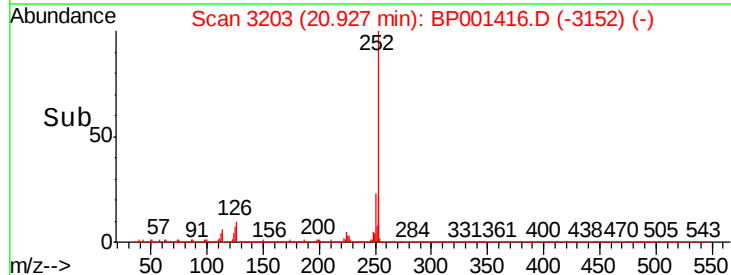
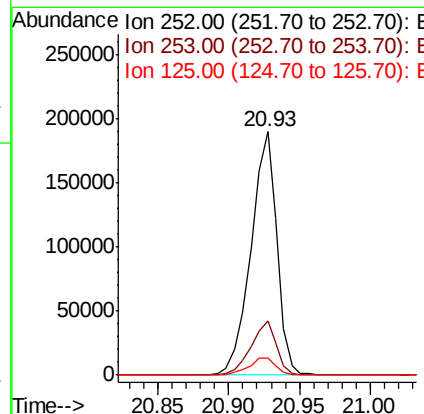
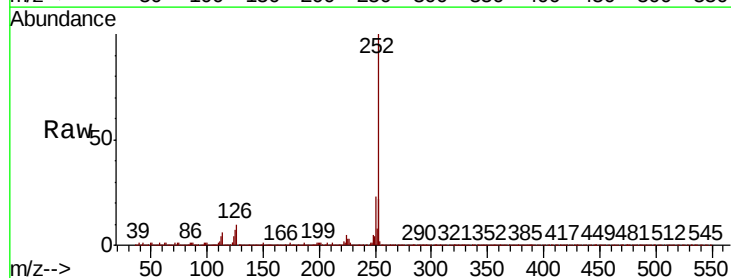
Instrument :
BNA_P
ClientSampleId :

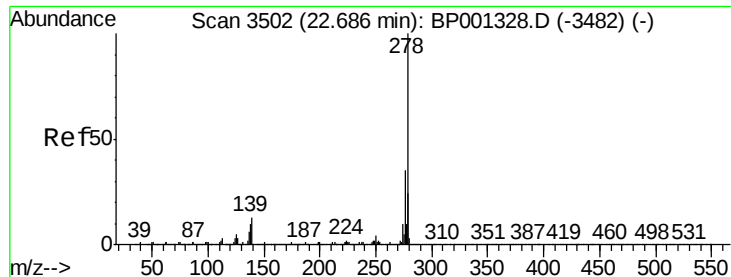
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	6.5	4.5	6.7



#90
Benzo(a)pyrene
Concen: 50.934 ng
RT: 20.93 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BP001416.D
Acq: 26 Dec 2019 12:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	7.0	5.2	7.8





#91

Dibenzo(a,h)anthracene

Concen: 52.996 ng

RT: 22.65 min Scan# 3496

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

Instrument :

BNA_P

ClientSampleId :

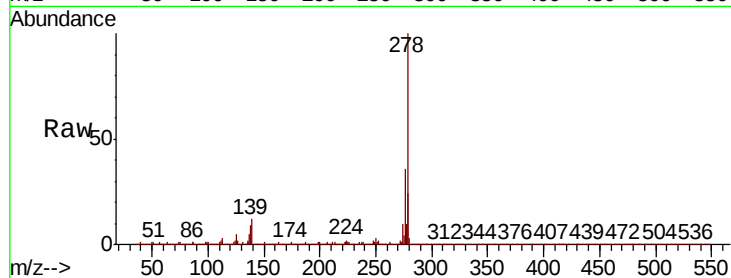
Tot Ion:278 Resp: 248744

Ion Ratio Lower Upper

278 100

139 12.2 8.3 12.5

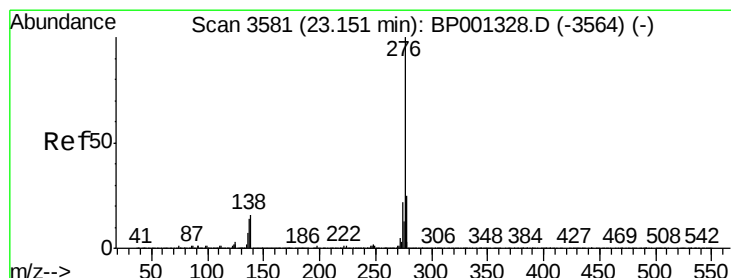
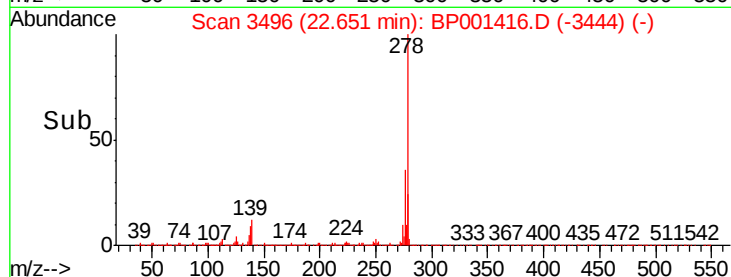
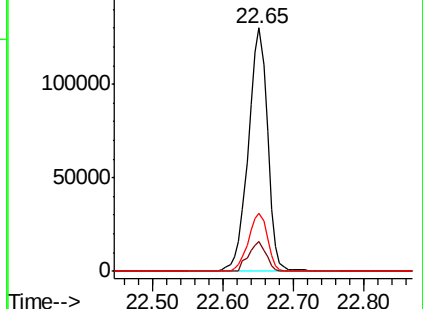
279 23.9 19.1 28.7



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: 53.252 ng

RT: 23.12 min Scan# 3575

Delta R.T. 0.01 min

Lab File: BP001416.D

Acq: 26 Dec 2019 12:27

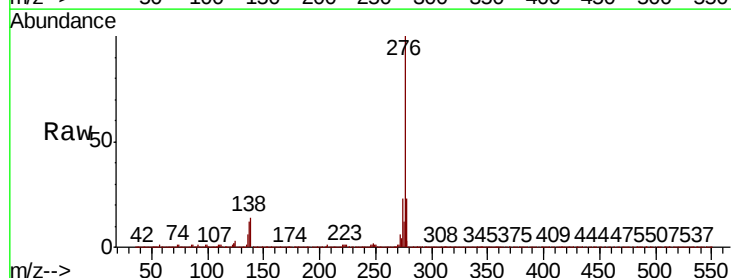
Tgt Ion:276 Resp: 238840

Ion Ratio Lower Upper

276 100

277 23.2 18.6 27.8

138 14.1 10.5 15.7



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

