

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001457.D
 Acq On : 27 Dec 2019 14:43
 Operator : JU
 Sample : PB125724BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125724BS

Quant Time: Dec 28 03:44:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	25091	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	95059	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	58361	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	120604	20.00	ng	0.00
76) Chrysene-d12	19.23	240	95636	20.00	ng	0.00
87) Perylene-d12	20.99	264	73769	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.21	112	164637	106.05	ng	0.01
7) Phenol-d6	7.76	99	220243	108.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	161227	65.13	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	85355	116.98	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	341846	74.07	ng	0.00
79) Terphenyl-d14	17.87	244	452243	80.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	20922	32.747	ng	93
3) Pyridine	3.43	79	47405	27.161	ng	96
4) n-Nitrosodimethylamine	3.35	42	41497	37.549	ng	95
6) Aniline	7.76	93	61889	24.269	ng	95
8) 2-Chlorophenol	7.96	128	65978	42.273	ng	93
9) Benzaldehyde	7.58	77	24981	17.579	ng	96
10) Phenol	7.78	94	84979	36.714	ng	# 80
11) bis(2-Chloroethyl)ether	7.89	93	61366	37.475	ng	92
12) 1,3-Dichlorobenzene	8.19	146	75849	39.016	ng	97
13) 1,4-Dichlorobenzene	8.31	146	78561	39.664	ng	98
14) 1,2-Dichlorobenzene	8.55	146	75139	39.821	ng	99
15) Benzyl Alcohol	8.52	79	71520	37.626	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.75	45	78873	30.413	ng	87
17) 2-Methylphenol	8.72	107	55926	40.550	ng	94
18) Hexachloroethane	9.09	117	30487	36.183	ng	95
19) n-Nitroso-di-n-propylamine	8.96	70	52772	36.695	ng	99
20) 3+4-Methylphenols	8.97	107	73168	39.978	ng	98
22) Acetophenone	8.93	105	103473	34.422	ng	# 98
24) Nitrobenzene	9.20	77	84205	34.562	ng	96
25) Isophorone	9.59	82	140499	35.299	ng	98
26) 2-Nitrophenol	9.71	139	35427	40.778	ng	94
27) 2,4-Dimethylphenol	9.82	122	57284	44.831	ng	98
28) bis(2-Chloroethoxy)methane	9.96	93	78137	32.868	ng	99
29) 2,4-Dichlorophenol	10.11	162	64042	40.477	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	74582	38.323	ng	98
31) Naphthalene	10.36	128	197678	38.096	ng	99
32) Benzoic acid	10.02	122	33502	34.058	ng	# 82
33) 4-Chloroaniline	10.45	127	44349	20.899	ng	98
34) Hexachlorobutadiene	10.58	225	48383	35.644	ng	95
35) Caprolactam	11.03	113	18768	39.865	ng	# 78
36) 4-Chloro-3-methylphenol	11.28	107	70134	37.933	ng	96
37) 2-Methylnaphthalene	11.49	142	143999	40.197	ng	100
38) 1-Methylnaphthalene	11.65	142	134585	39.961	ng	99
40) 1,2,4,5-Tetrachlorobenzene	11.76	216	80569	37.337	ng	98

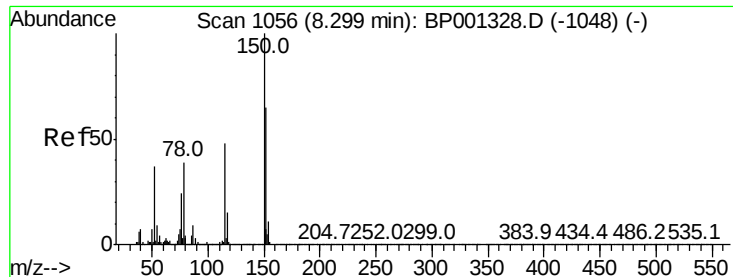
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.75	237	68874	64.532	ng	97
43) 2,4,6-Trichlorophenol	11.96	196	51947	39.143	ng	98
44) 2,4,5-Trichlorophenol	12.03	196	54594	40.038	ng	97
46) 1,1'-Biphenyl	12.26	154	186485	38.184	ng	99
47) 2-Chloronaphthalene	12.27	162	145070	36.744	ng	98
48) 2-Nitroaniline	12.45	65	50333	31.837	ng	96
49) Acenaphthylene	12.95	152	223123	38.659	ng	100
50) Dimethylphthalate	12.78	163	175899	36.738	ng	99
51) 2,6-Dinitrotoluene	12.86	165	37576	38.651	ng	97
52) Acenaphthene	13.23	154	131382	37.782	ng	99
53) 3-Nitroaniline	13.13	138	23810	22.818	ng	85
54) 2,4-Dinitrophenol	13.31	184	33827	90.109	ng	100
55) Dibenzofuran	13.52	168	211981	38.907	ng	97
56) 4-Nitrophenol	13.45	139	53111	71.180	ng	95
57) 2,4-Dinitrotoluene	13.52	165	52701	39.002	ng	# 98
58) Fluorene	14.09	166	170728	39.177	ng	98
59) 2,3,4,6-Tetrachlorophenol	13.73	232	46850	40.020	ng	96
60) Diethylphthalate	13.95	149	176934	35.829	ng	100
61) 4-Chlorophenyl-phenylether	14.10	204	91385	39.893	ng	95
62) 4-Nitroaniline	12.45	138	42617	35.268	ng	92
63) Azobenzene	14.36	77	180456	34.710	ng	95
65) 4,6-Dinitro-2-methylphenol	14.19	198	25892	47.936	ng	95
66) n-Nitrosodiphenylamine	14.30	169	146379	38.284	ng	99
67) 4-Bromophenyl-phenylether	14.90	248	55408	38.858	ng	96
68) Hexachlorobenzene	14.98	284	61362	37.801	ng	95
69) Atrazine	15.19	200	53629	39.049	ng	93
70) Pentachlorophenol	15.30	266	65224	78.351	ng	92
71) Phenanthrene	15.62	178	258712	37.599	ng	99
72) Anthracene	15.70	178	260934	38.307	ng	99
73) Carbazole	15.95	167	217596	35.831	ng	99
74) Di-n-butylphthalate	16.50	149	296089	35.529	ng	99
75) Fluoranthene	17.33	202	290628	37.774	ng	97
77) Benzidine	17.52	184	37909	13.615	ng	98
78) Pyrene	17.64	202	289445	38.980	ng	98
80) Butylbenzylphthalate	18.52	149	119987	34.660	ng	91
81) Benzo(a)anthracene	19.22	228	261516	37.527	ng	98
82) 3,3'-Dichlorobenzidine	19.19	252	78999	32.646	ng	99
83) Chrysene	19.26	228	246694	36.675	ng	98
84) Bis(2-ethylhexyl)phthalate	19.26	149	177962	35.033	ng	98
85) Di-n-octyl phthalate	20.05	149	287237	34.116	ng	98
86) Indeno(1,2,3-cd)pyrene	22.63	276	238178	32.786	ng	99
88) Benzo(b)fluoranthene	20.52	252	225224	46.489	ng	99
89) Benzo(k)fluoranthene	20.52	252	225224	48.803	ng	98
90) Benzo(a)pyrene	20.92	252	203346	46.075	ng	99
91) Dibenzo(a,h)anthracene	22.64	278	204534	47.400	ng	98
92) Benzo(g,h,i)perylene	23.11	276	189212	45.888	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.01 min

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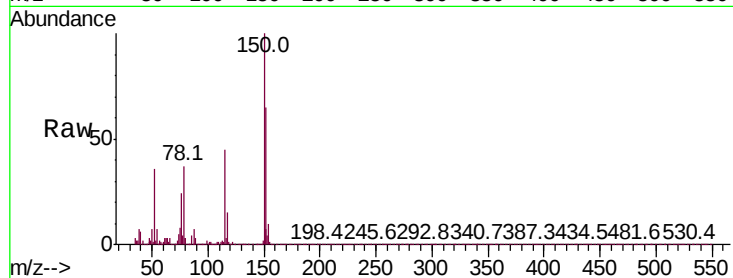
Tot Ion:152 Resp: 25091

Ion Ratio Lower Upper

152 100

150 155.0 127.0 190.6

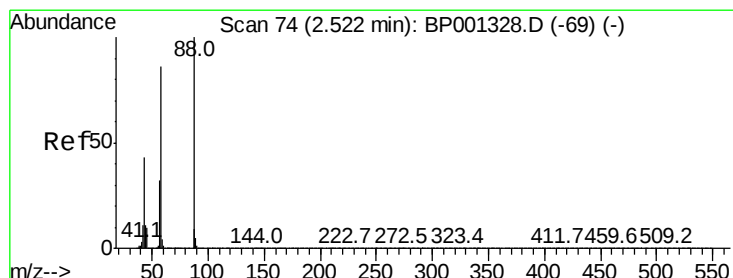
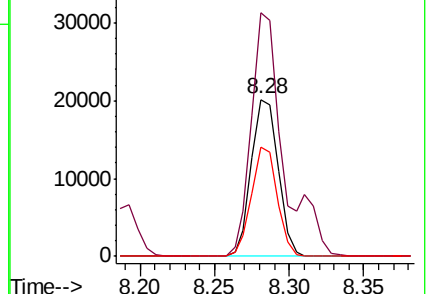
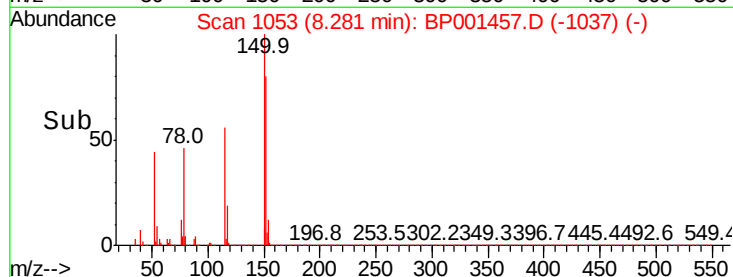
115 69.5 56.1 84.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.747 ng

RT: 2.59 min Scan# 86

Delta R.T. 0.08 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

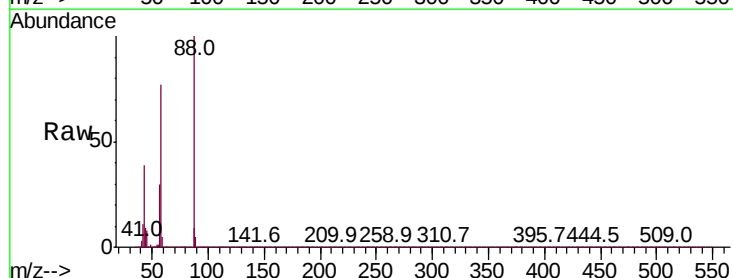
Tgt Ion: 88 Resp: 20922

Ion Ratio Lower Upper

88 100

58 74.8 66.9 100.3

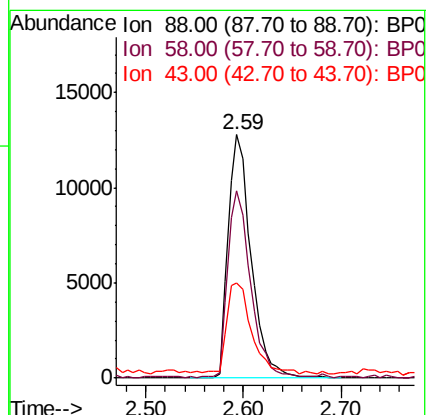
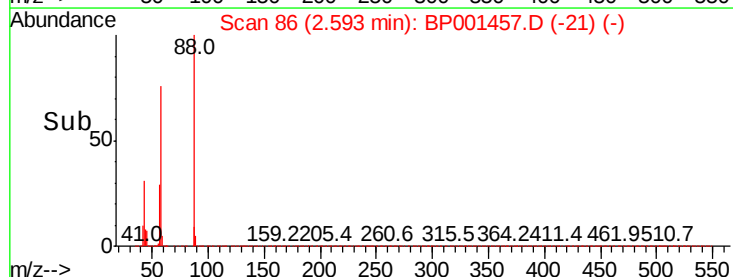
43 40.9 32.9 49.3

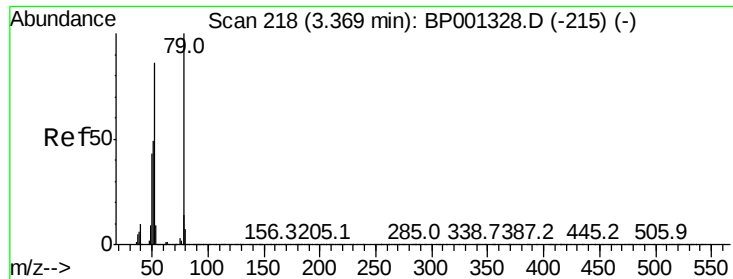


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 27.161 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.09 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

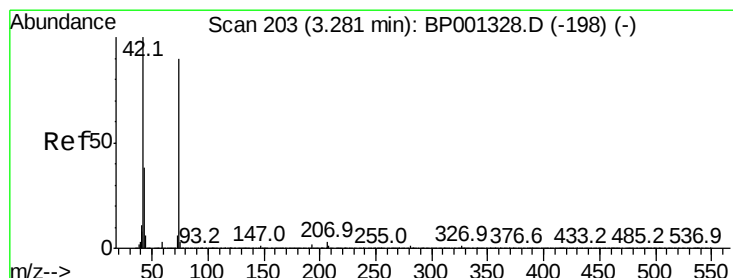
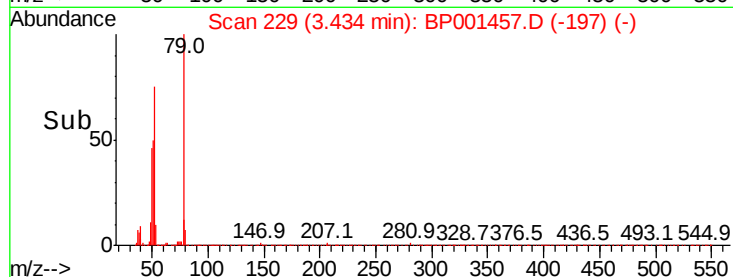
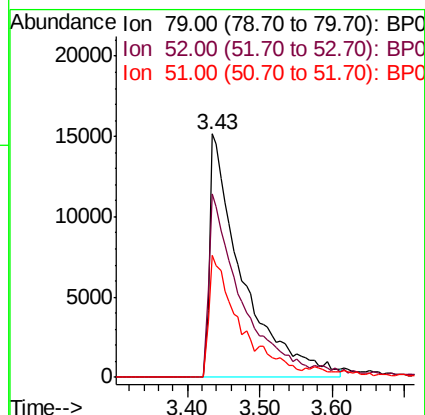
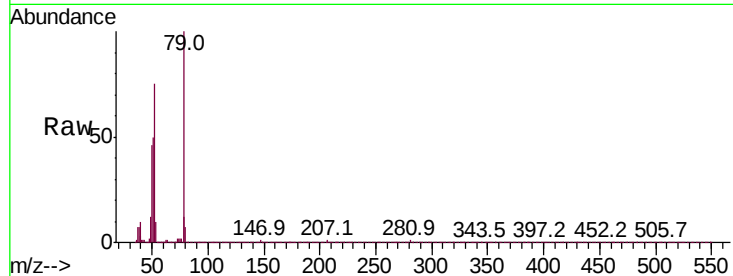
Tot Ion: 79 Resp: 47405

Ion Ratio Lower Upper

79 100

52 75.5 64.6 96.8

51 50.0 40.2 60.2



#4

n-Nitrosodimethylamine

Concen: 37.549 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

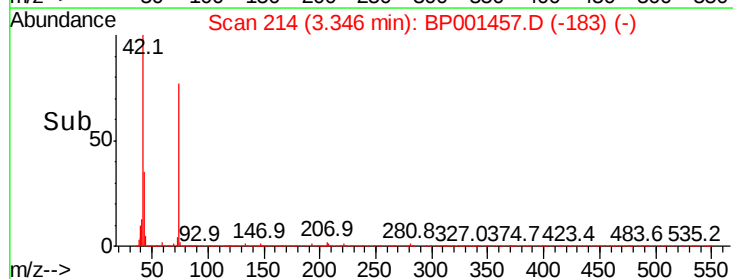
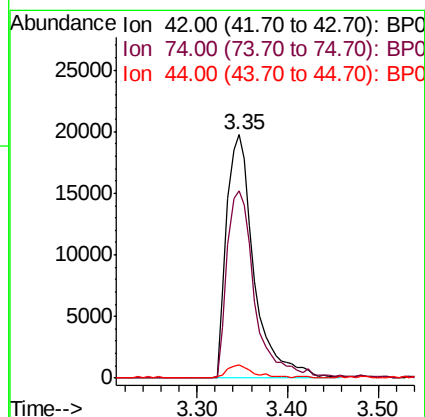
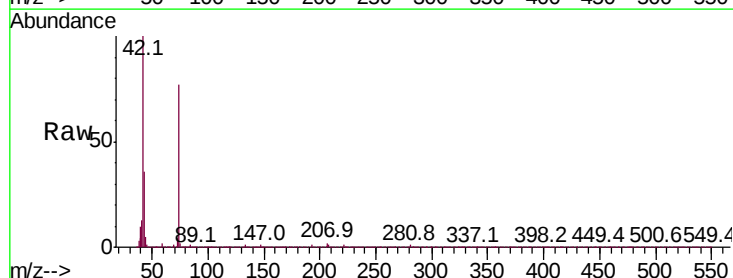
Tgt Ion: 42 Resp: 41497

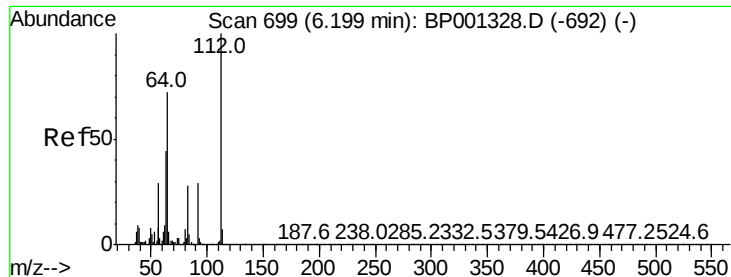
Ion Ratio Lower Upper

42 100

74 77.2 65.3 97.9

44 5.2 3.8 5.6





#5

2-Fluorophenol

Concen: 106.048 ng

RT: 6.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

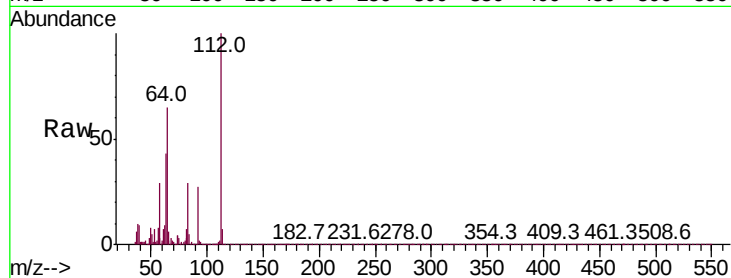
Tot Ion:112 Resp: 164637

Ion Ratio Lower Upper

112 100

64 65.4 53.9 80.9

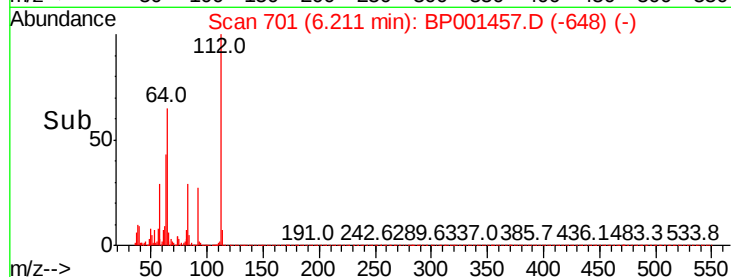
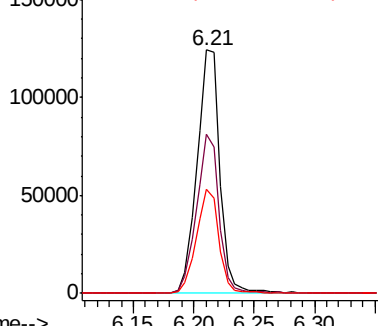
63 42.7 33.4 50.0



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: 24.269 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

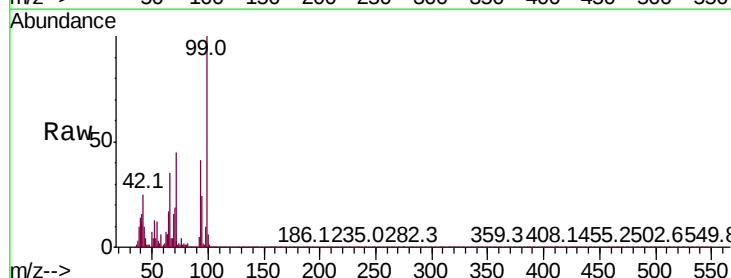
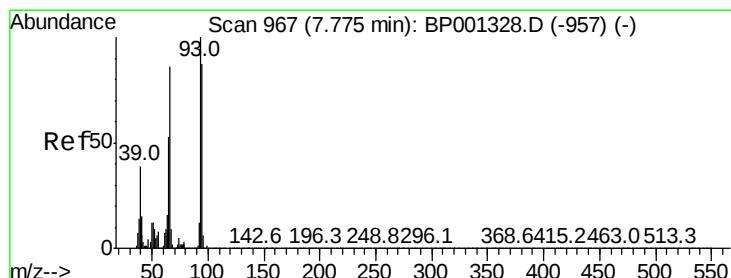
Tgt Ion: 93 Resp: 61889

Ion Ratio Lower Upper

93 100

66 86.5 69.0 103.6

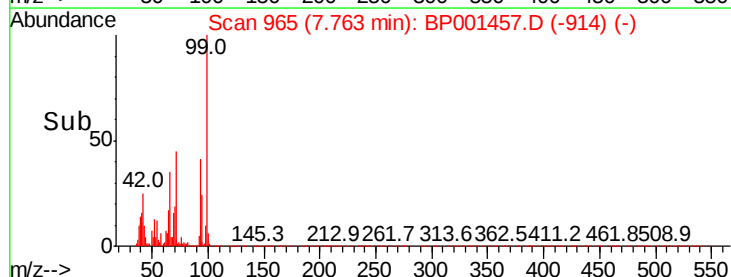
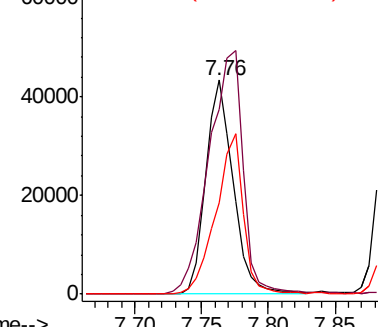
65 42.6 41.1 61.7

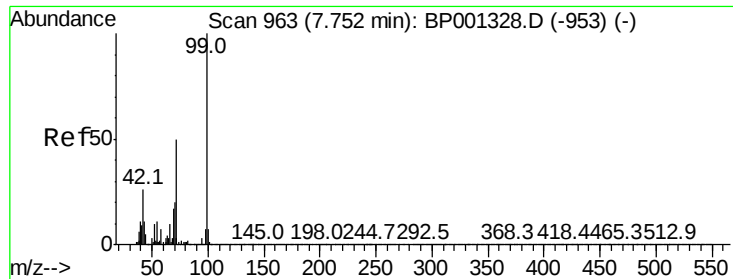


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 108.720 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

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ClientSampleId :

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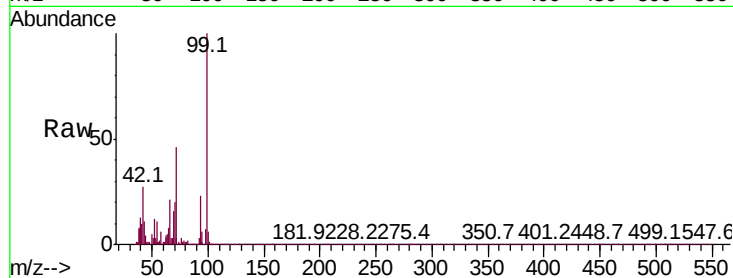
Tot Ion: 99 Resp: 220243

Ion Ratio Lower Upper

99 100

42 26.5 20.8 31.2

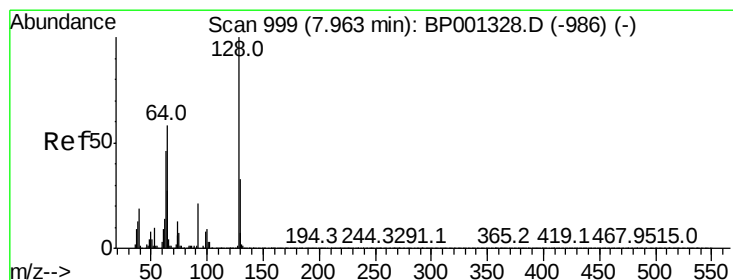
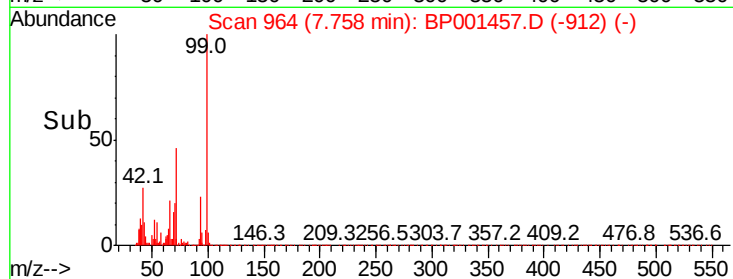
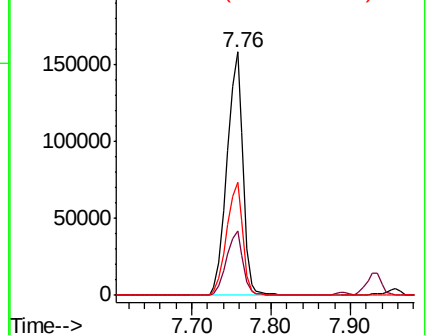
71 46.4 38.2 57.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 42.273 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

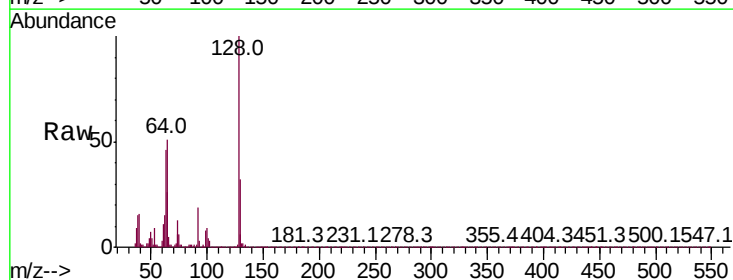
Tgt Ion: 128 Resp: 65978

Ion Ratio Lower Upper

128 100

130 32.4 10.7 50.7

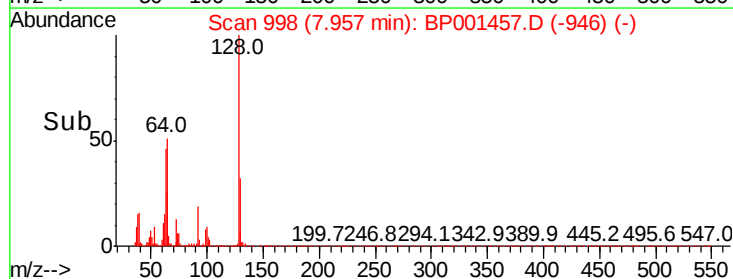
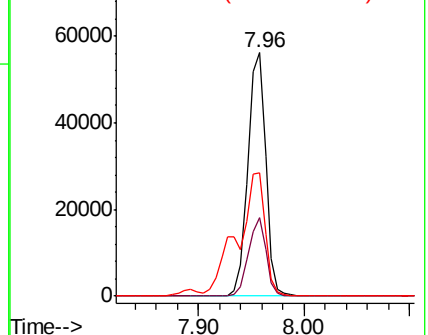
64 50.8 37.7 77.7

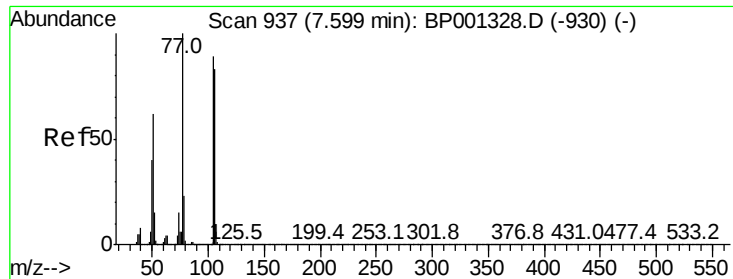


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 17.579 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

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PB125724BS

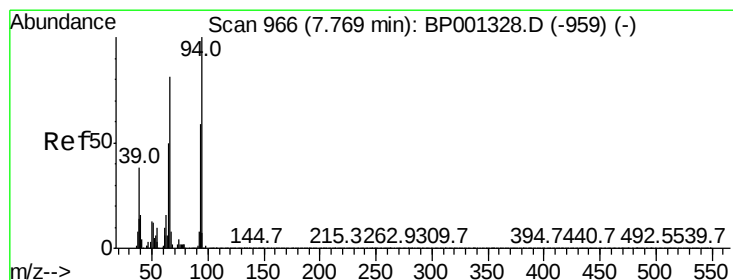
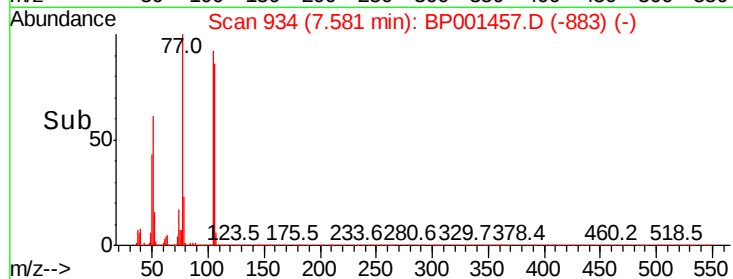
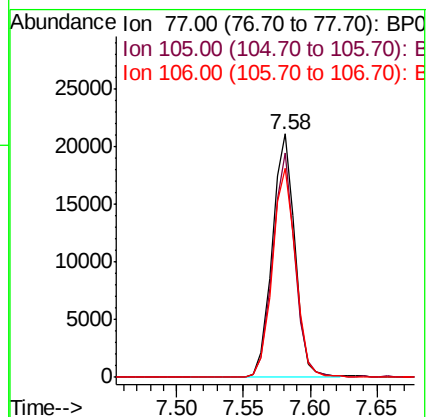
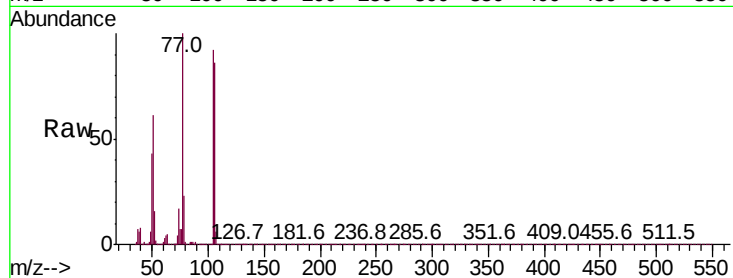
Tot Ion: 77 Resp: 24981

Ion Ratio Lower Upper

77 100

105 91.9 75.7 115.7

106 86.1 70.5 110.5



#10

Phenol

Concen: 36.714 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

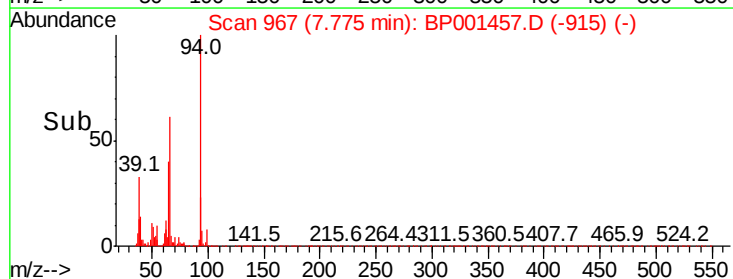
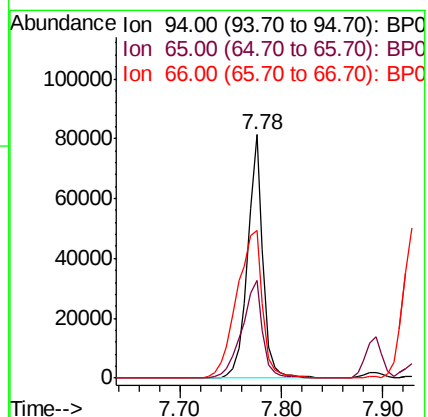
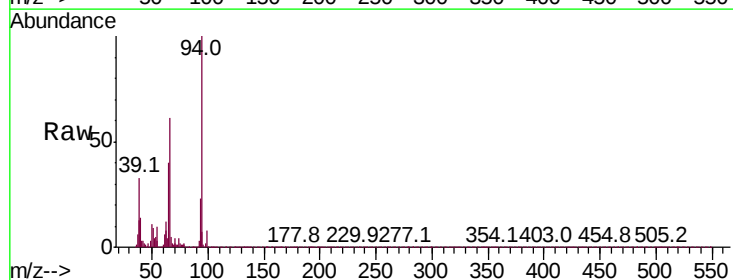
Tgt Ion: 94 Resp: 84979

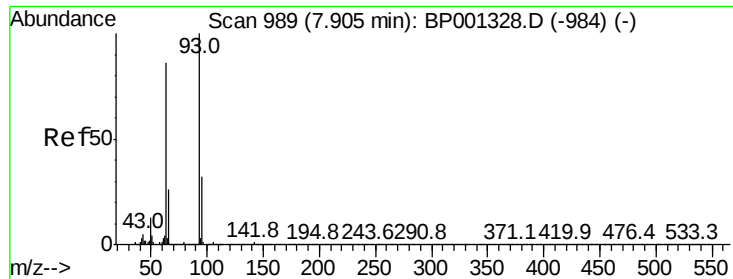
Ion Ratio Lower Upper

94 100

65 40.0 29.6 69.6

66 60.7 62.3 102.3#

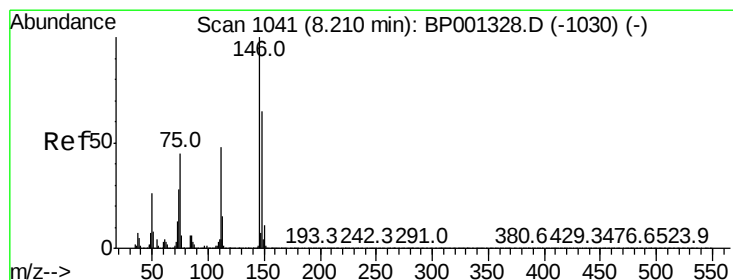
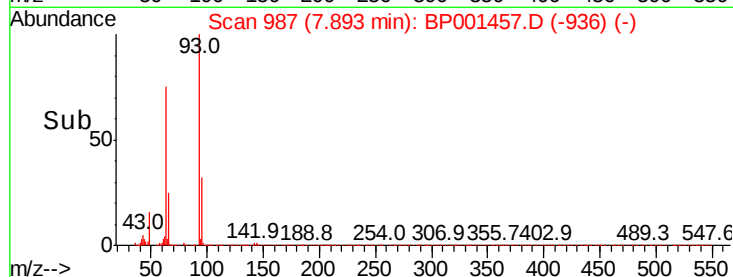
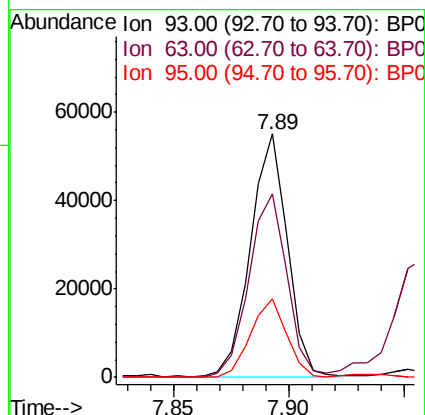
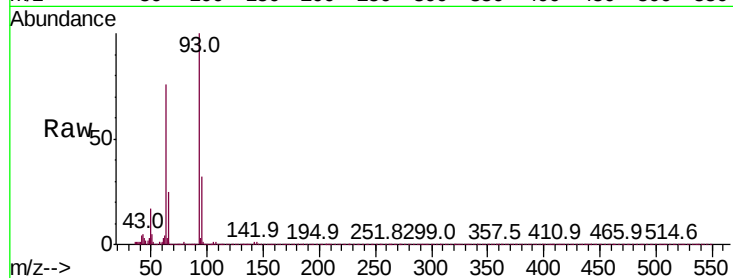




#11
bis(2-Chloroethyl)ether
Concen: 37.475 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

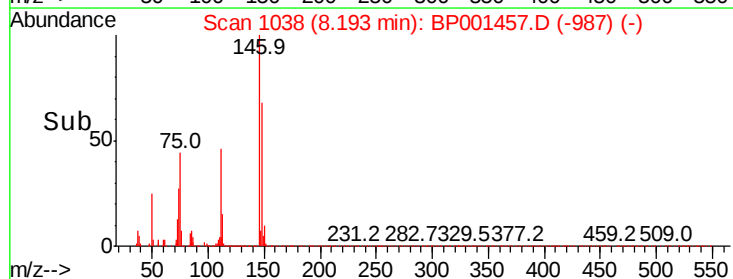
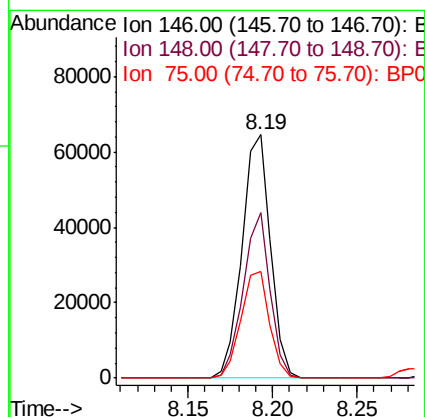
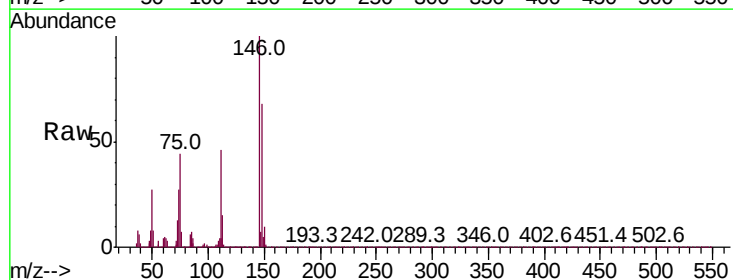
Instrument :
BNA_P
ClientSampleId :
PB125724BS

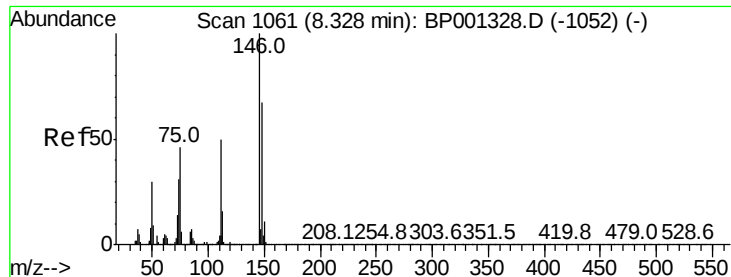
Tot Ion	93	Resp	61366
Ion Ratio	100	Lower	Upper
93	100		
63	75.5	64.9	104.9
95	32.2	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 39.016 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	146	Resp	75849
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
146	100		
148	67.9	52.2	78.2
75	43.9	35.8	53.8





#13

1,4-Dichlorobenzene

Concen: 39.664 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.01 min

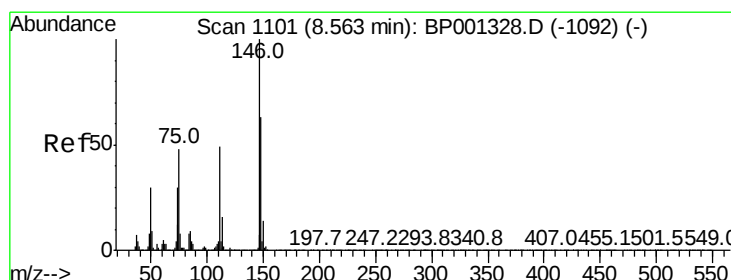
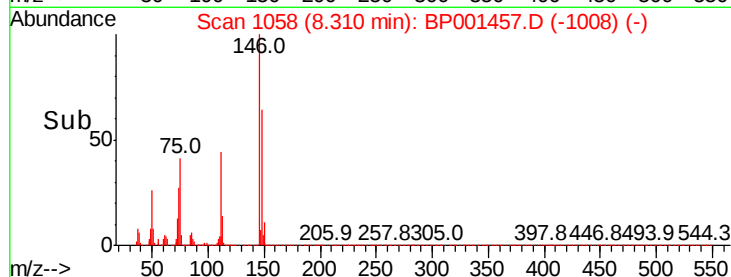
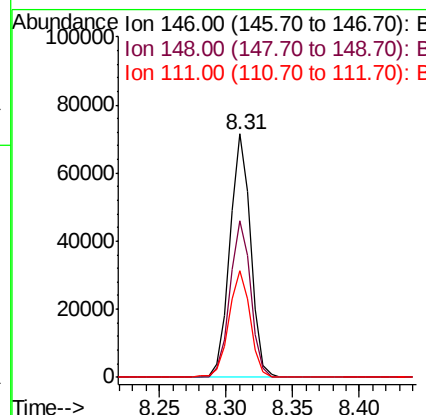
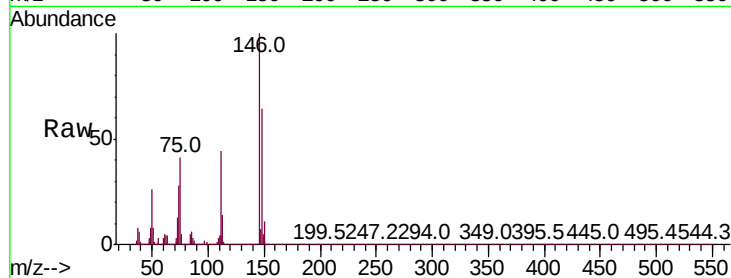
Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :
BNA_P
ClientSampleId :
PB125724BS

Tot Ion:146 Resp: 78561

Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.9	77.9
111	43.7	36.8	55.2



#14

1,2-Dichlorobenzene

Concen: 39.821 ng

RT: 8.55 min Scan# 1098

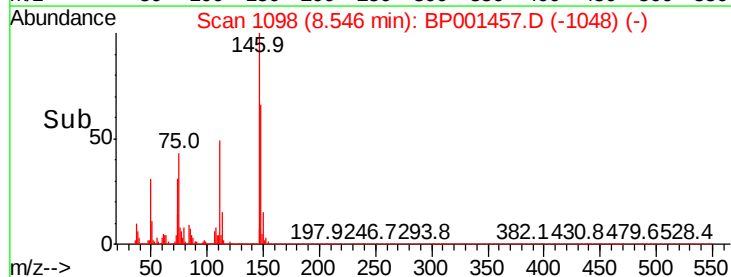
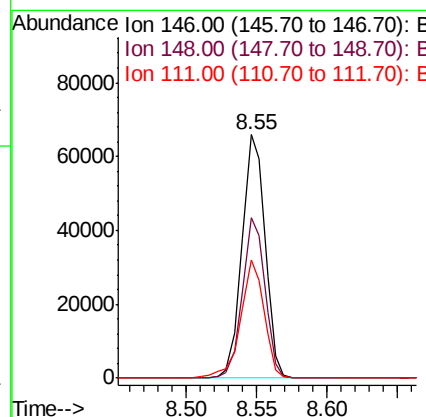
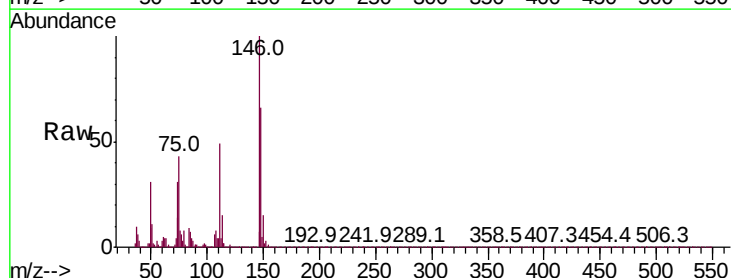
Delta R.T. -0.01 min

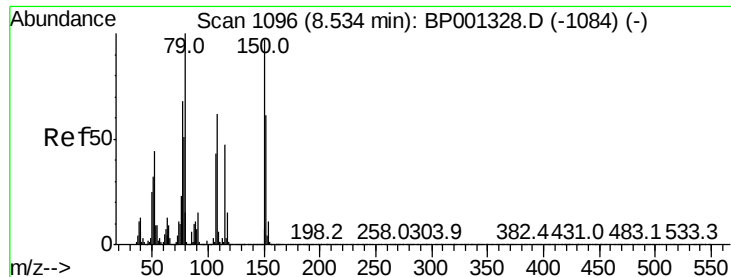
Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:146 Resp: 75139

Ion	Ratio	Lower	Upper
146	100		
148	66.0	53.1	79.7
111	48.7	39.5	59.3





#15

Benzyl Alcohol

Concen: 37.626 ng

RT: 8.52 min Scan# 1094

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

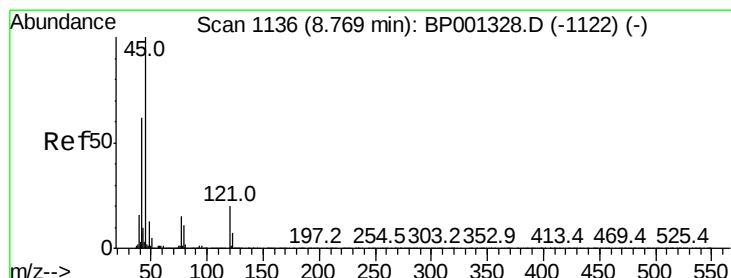
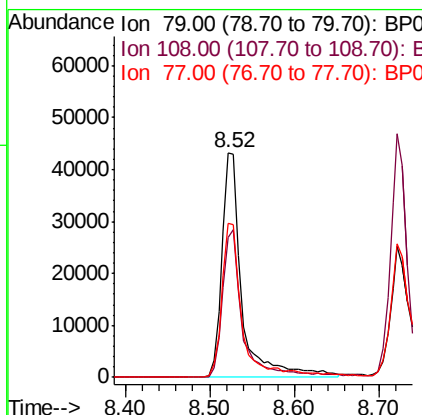
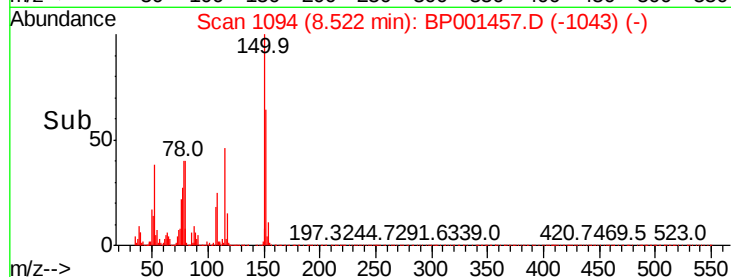
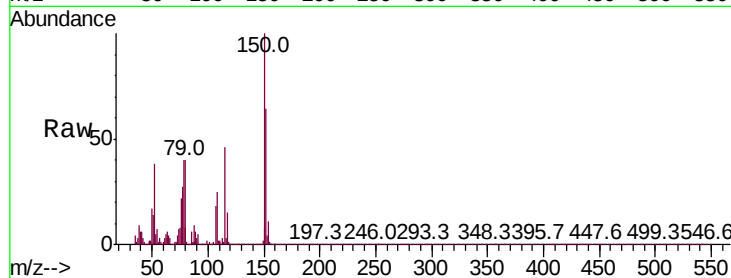
Tot Ion: 79 Resp: 71520

Ion Ratio Lower Upper

79 100

108 62.5 49.0 73.4

77 68.6 56.7 85.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.413 ng

RT: 8.75 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

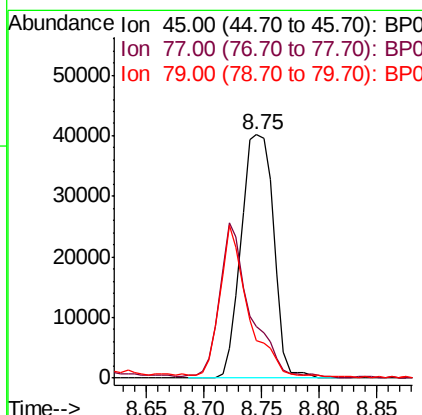
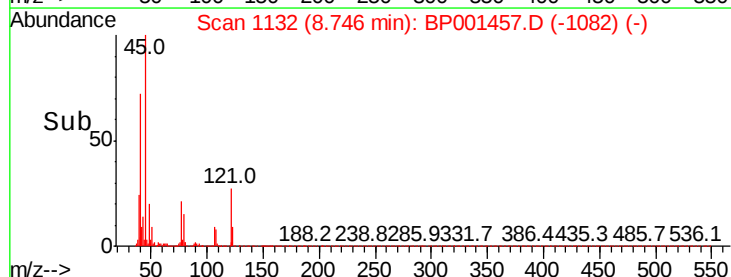
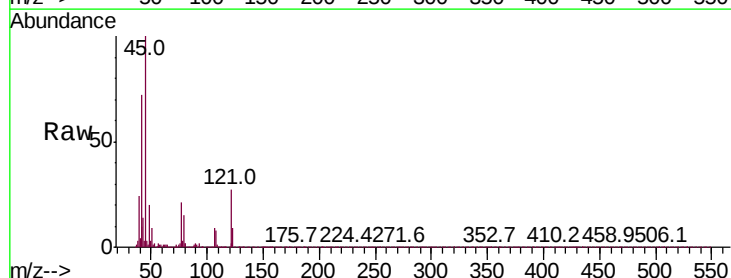
Tgt Ion: 45 Resp: 78873

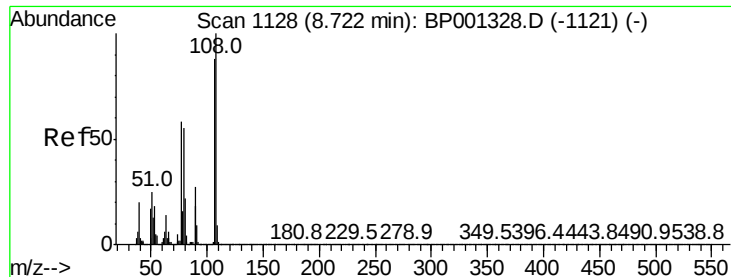
Ion Ratio Lower Upper

45 100

77 21.0 0.0 34.7

79 15.4 0.0 31.8





#17

2-Methylphenol

Concen: 40.550 ng

RT: 8.72 min Scan# 1128

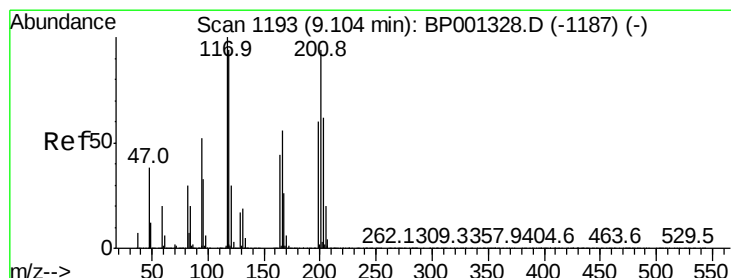
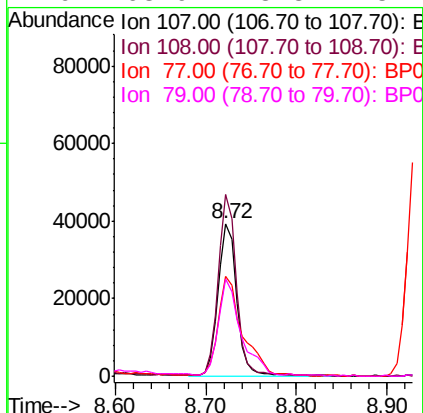
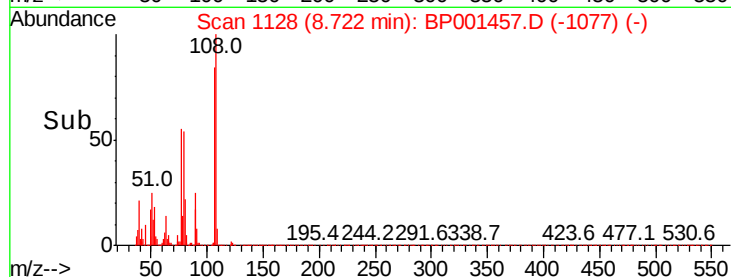
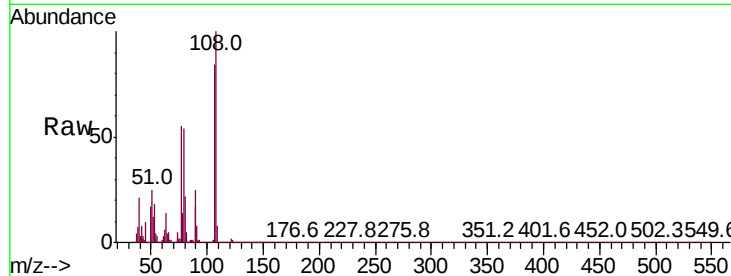
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :
BNA_P
ClientSampleId :
PB125724BS

Tot Ion:	107	Resp:	55926
Ion	Ratio	Lower	Upper
107	100		
108	119.2	88.8	133.2
77	65.2	48.9	73.3
79	63.9	48.8	73.2



#18

Hexachloroethane

Concen: 36.183 ng

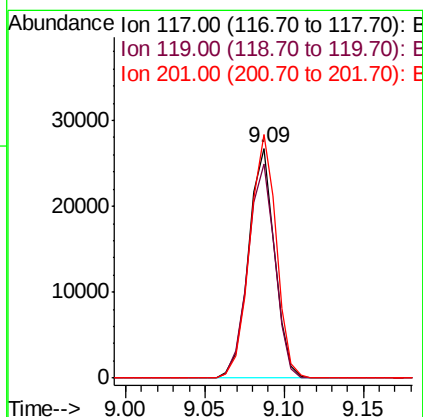
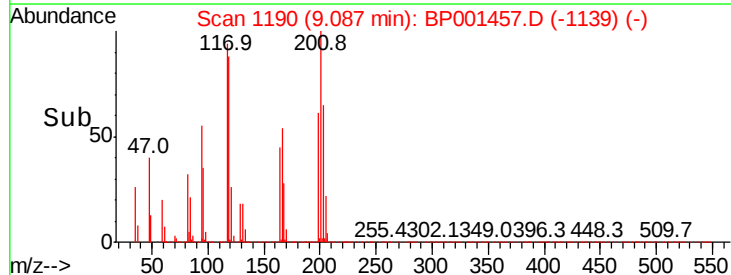
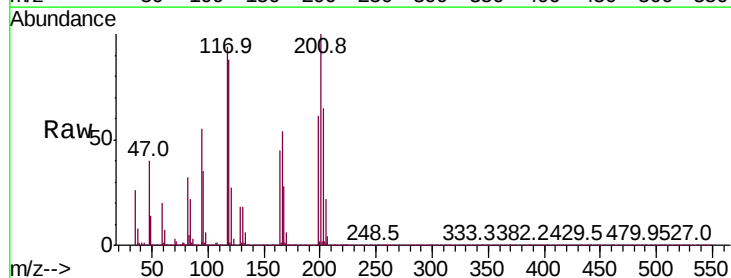
RT: 9.09 min Scan# 1190

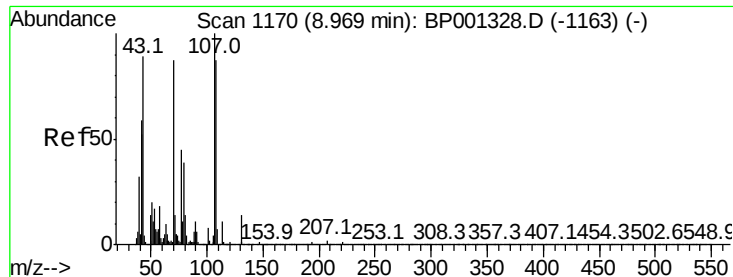
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:	117	Resp:	30487
Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.8	113.6
201	106.0	77.8	116.6

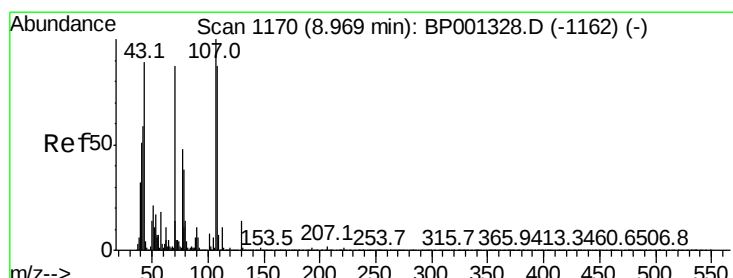
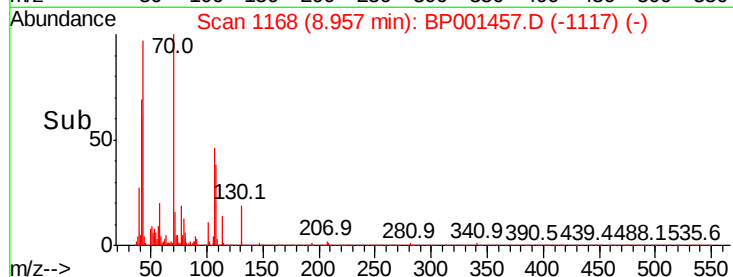
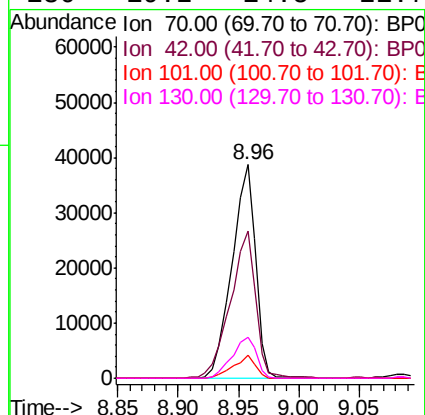
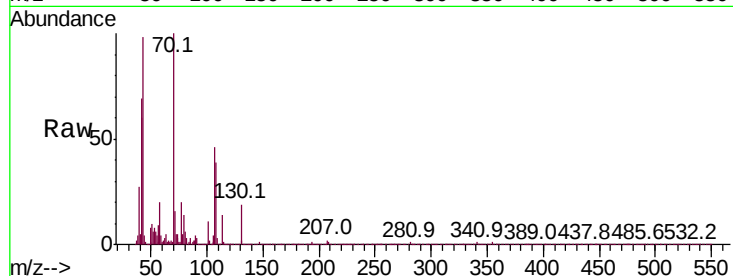




#19
n-Nitroso-di-n-propylamine
Concen: 36.695 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

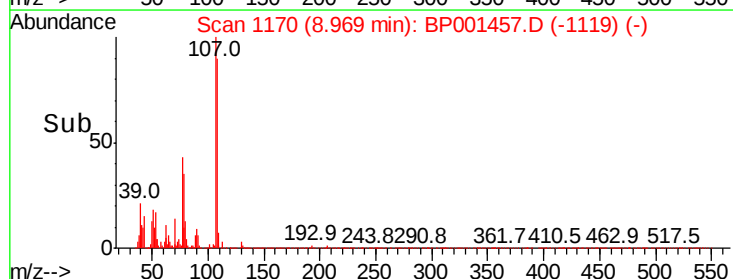
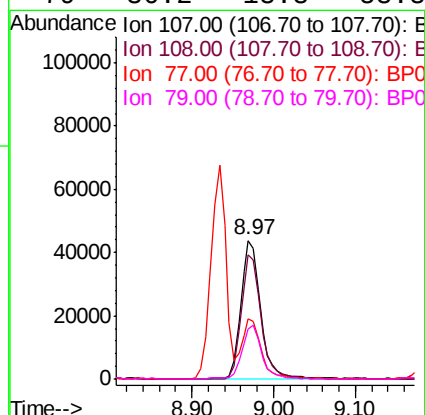
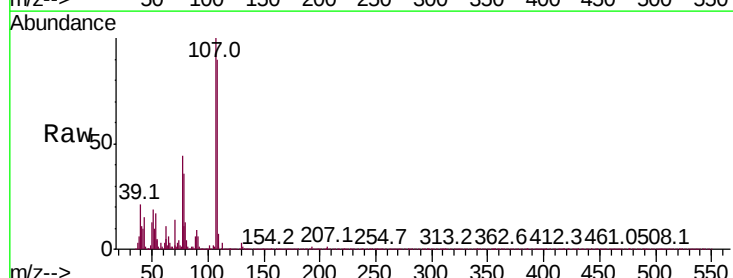
Instrument :
BNA_P
ClientSampleId :
PB125724BS

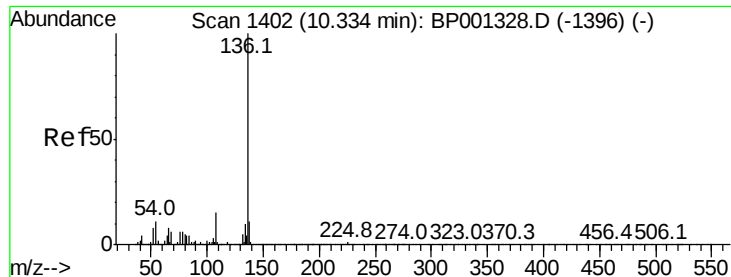
Tot Ion:	70	Resp:	52772
Ion	Ratio	Lower	Upper
70	100		
42	68.8	55.8	83.8
101	10.7	8.2	12.2
130	19.2	14.5	21.7



#20
3+4-Methylphenols
Concen: 39.978 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:	107	Resp:	73168
Ion	Ratio	Lower	Upper
107	100		
108	89.8	70.4	110.4
77	43.5	24.5	64.5
79	36.2	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1400

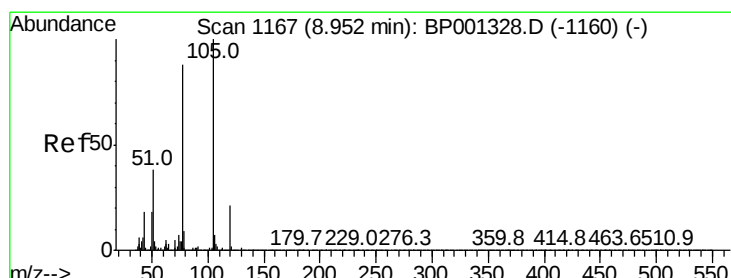
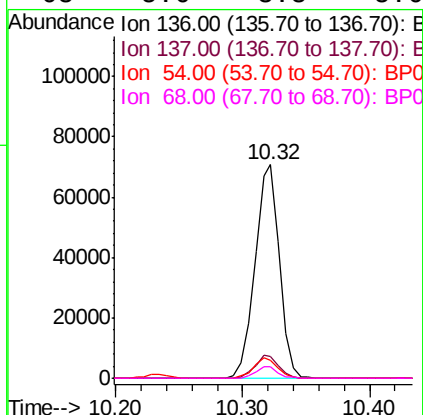
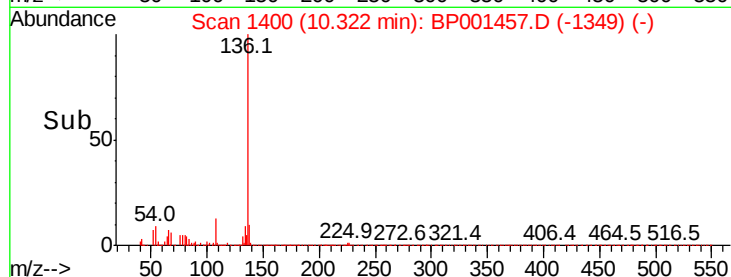
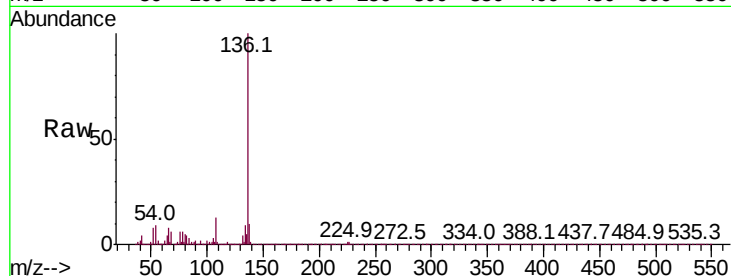
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :
BNA_P
ClientSampleId :
PB125724BS

Tot Ion:136	Resp:	95059
Ion	Ratio	Lower Upper
136	100	
137	10.4	9.0 13.4
54	8.7	7.3 10.9
68	5.6	3.8 5.6



#22

Acetophenone

Concen: 34.422 ng

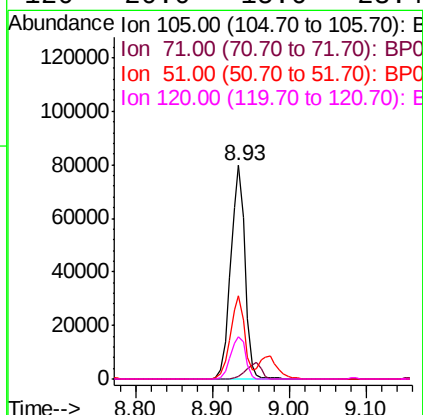
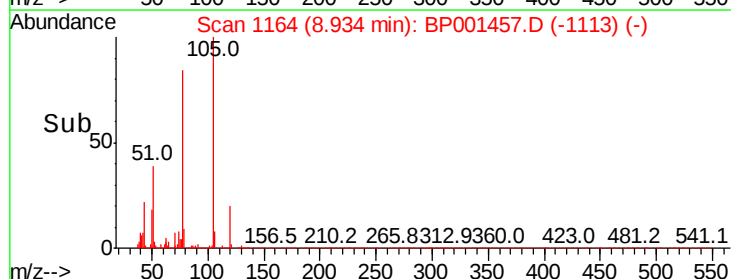
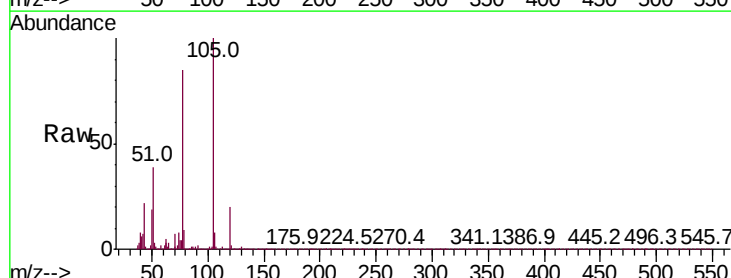
RT: 8.93 min Scan# 1164

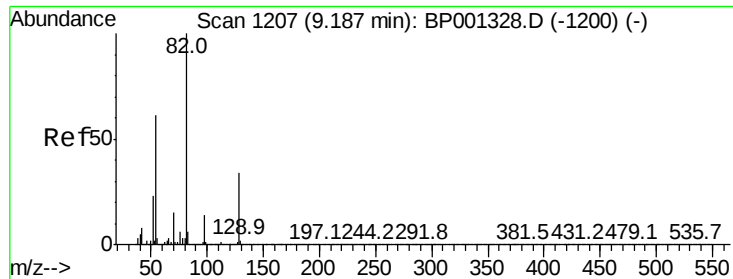
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:105	Resp:	103473
Ion	Ratio	Lower Upper
105	100	
71	1.3	0.2 0.4#
51	39.0	29.8 44.6
120	20.0	15.6 23.4





#23

Nitrobenzene-d5

Concen: 65.131 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

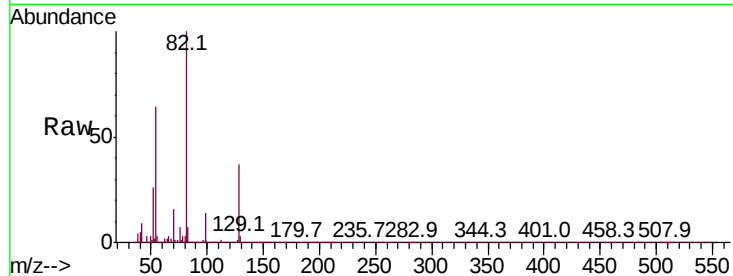
Tot Ion: 82 Resp: 161227

Ion Ratio Lower Upper

82 100

128 37.1 27.4 41.0

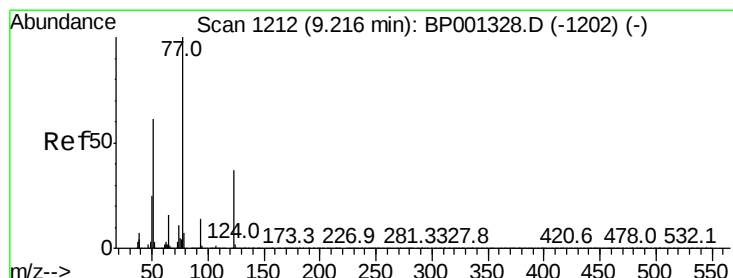
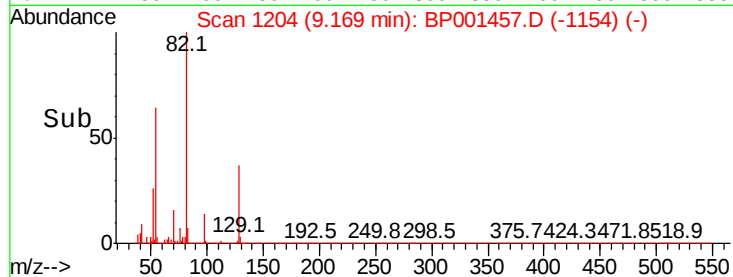
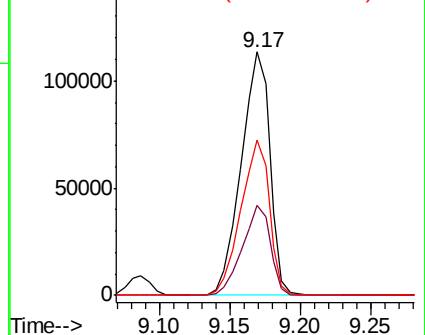
54 64.0 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



#24

Nitrobenzene

Concen: 34.562 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

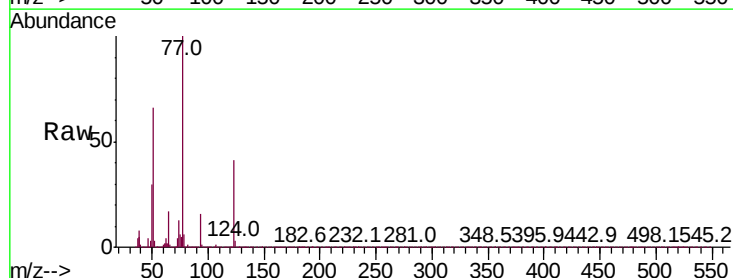
Tgt Ion: 77 Resp: 84205

Ion Ratio Lower Upper

77 100

123 41.5 30.9 46.3

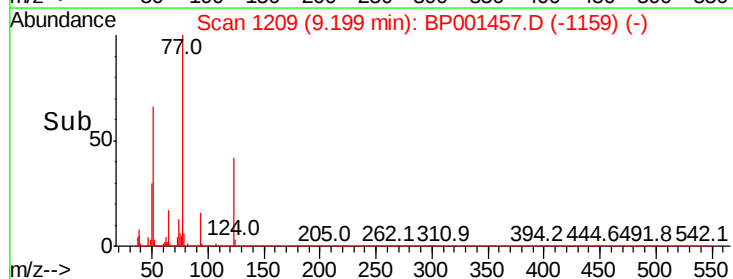
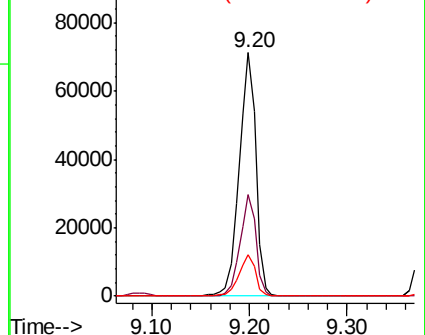
65 17.1 13.0 19.4

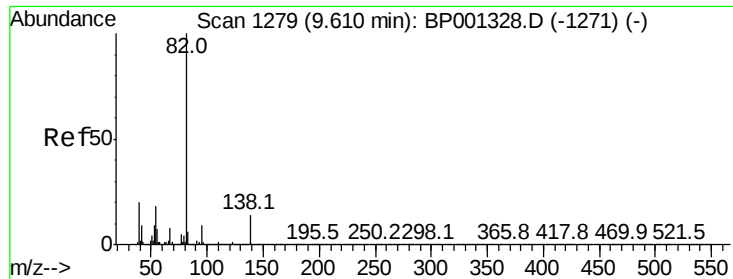


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BP0





#25

Isophorone

Concen: 35.299 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

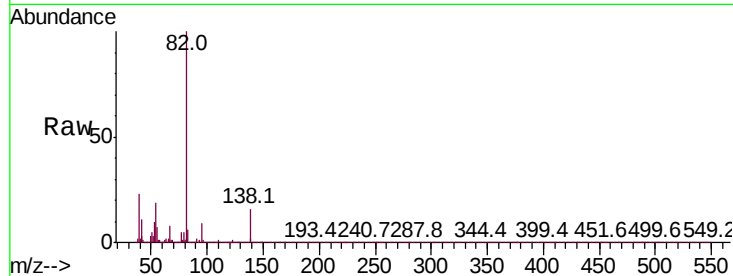
Tot Ion: 82 Resp: 140499

Ion Ratio Lower Upper

82 100

95 9.2 7.3 10.9

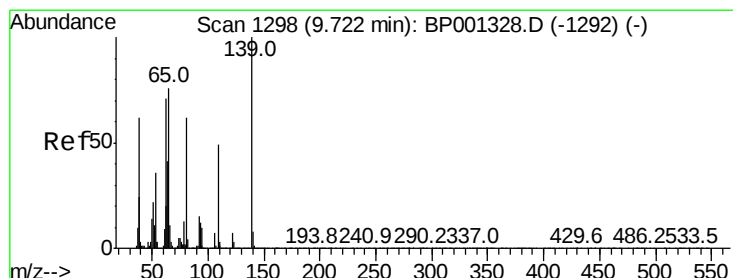
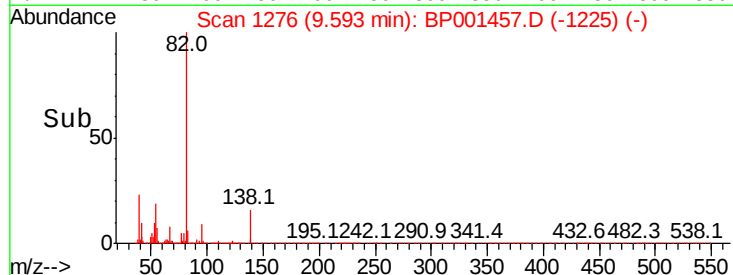
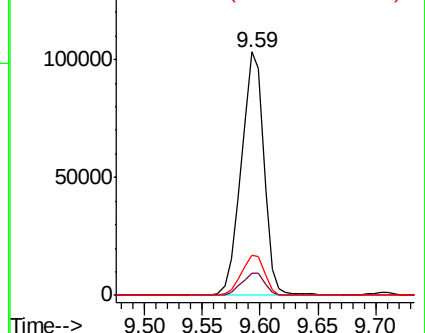
138 16.3 11.9 17.9



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: 40.778 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

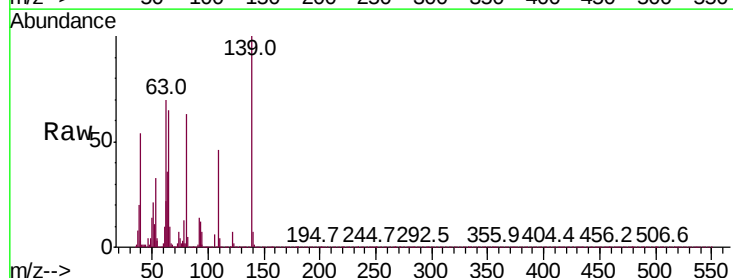
Tgt Ion: 139 Resp: 35427

Ion Ratio Lower Upper

139 100

109 46.2 40.5 60.7

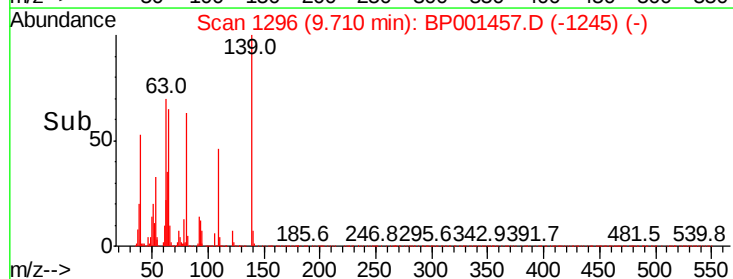
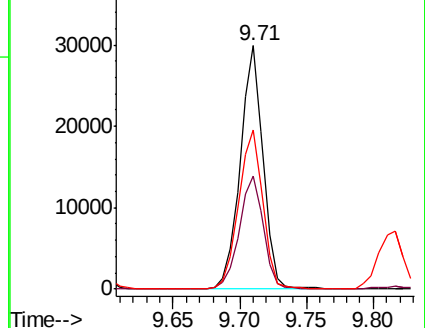
65 65.5 56.2 84.4

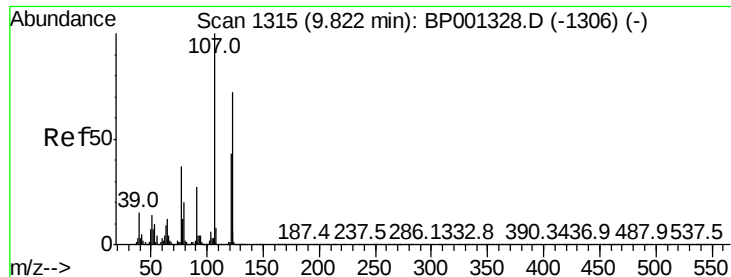


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

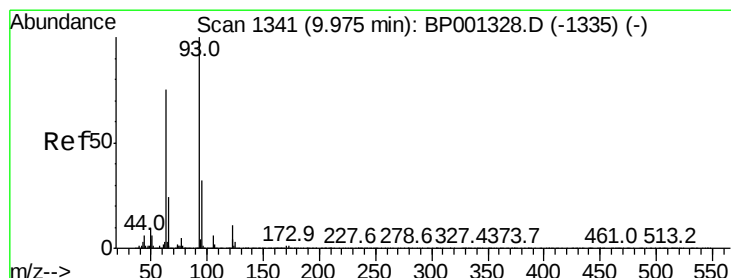
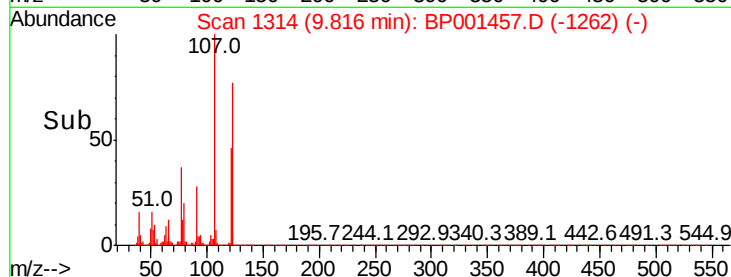
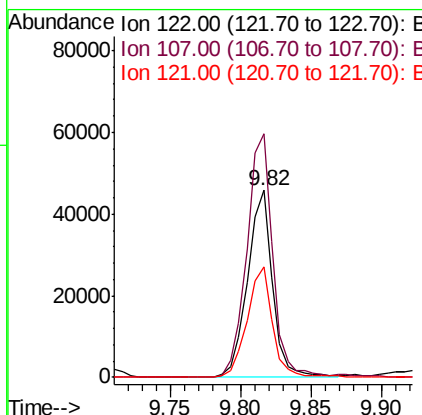
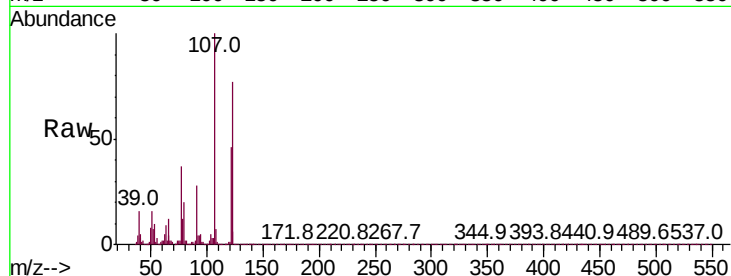




#27
2,4-Dimethylphenol
Concen: 44.831 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

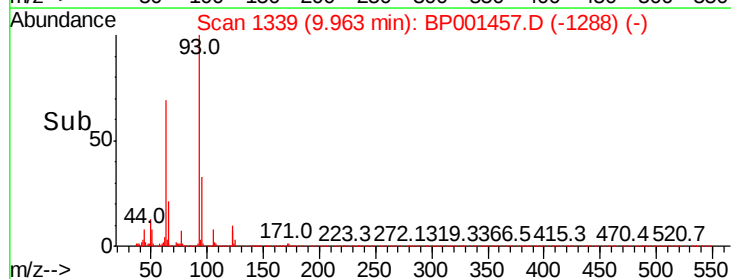
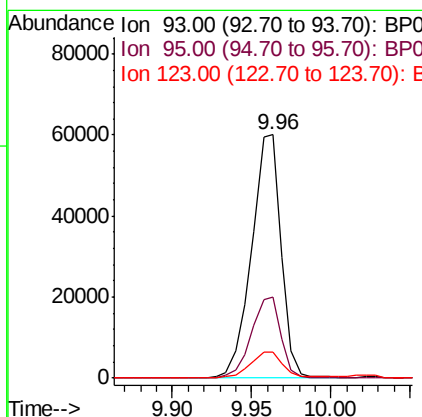
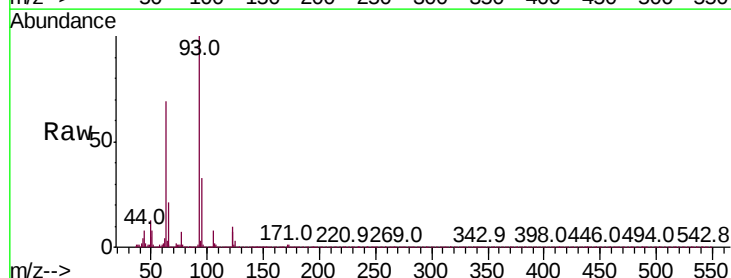
Instrument :
BNA_P
ClientSampleId :
PB125724BS

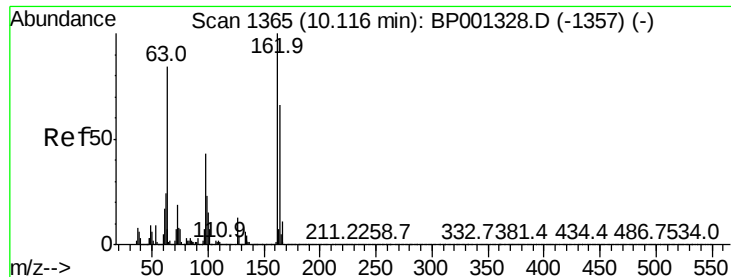
Tot Ion	Ratio	Lower	Upper
122	100		
107	130.4	106.5	159.7
121	59.4	47.1	70.7



#28
bis(2-Chloroethoxy)methane
Concen: 32.868 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.3	39.5
123	10.5	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 40.477 ng

RT: 10.11 min Scan# 1364

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

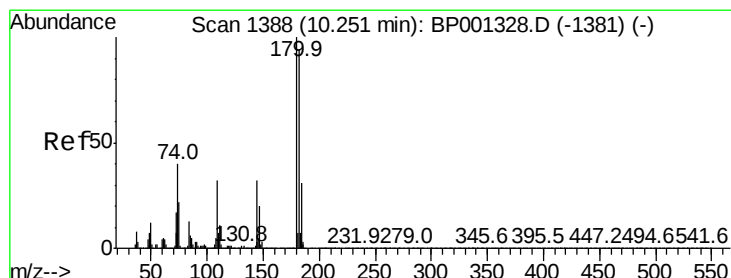
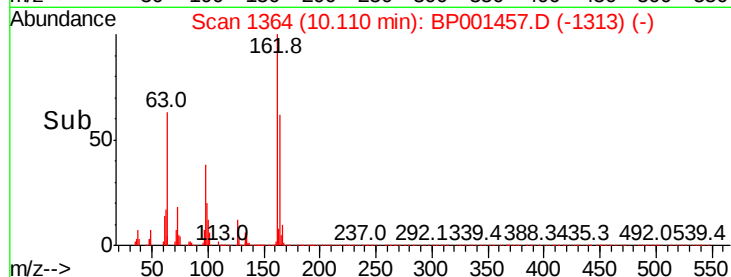
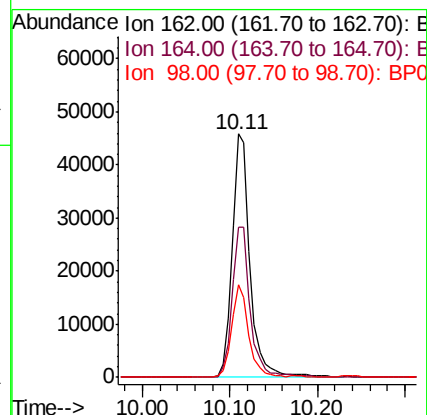
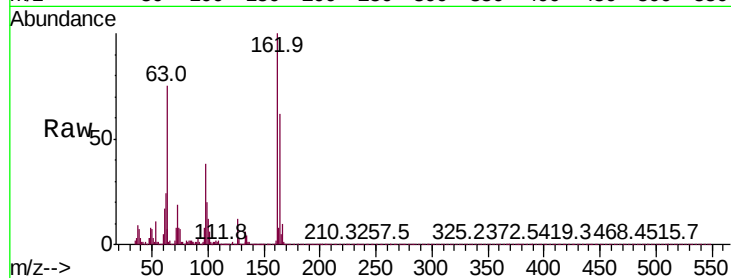
Tot Ion:162 Resp: 64042

Ion Ratio Lower Upper

162 100

164 61.9 44.8 84.8

98 38.1 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 38.323 ng

RT: 10.23 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

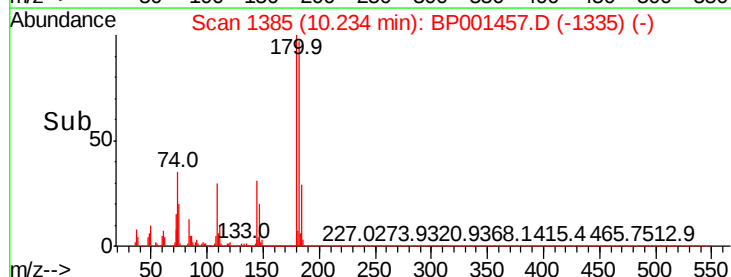
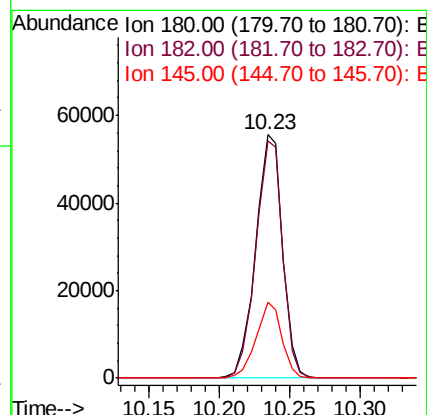
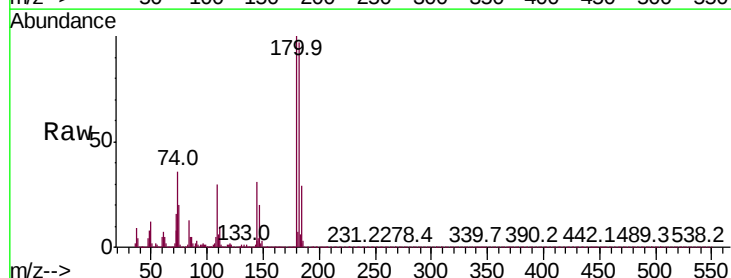
Tgt Ion:180 Resp: 74582

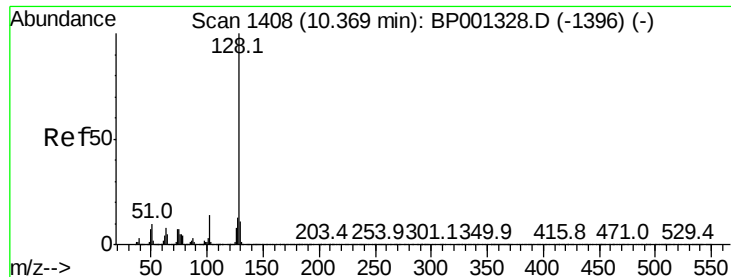
Ion Ratio Lower Upper

180 100

182 97.4 79.3 118.9

145 31.2 23.1 34.7

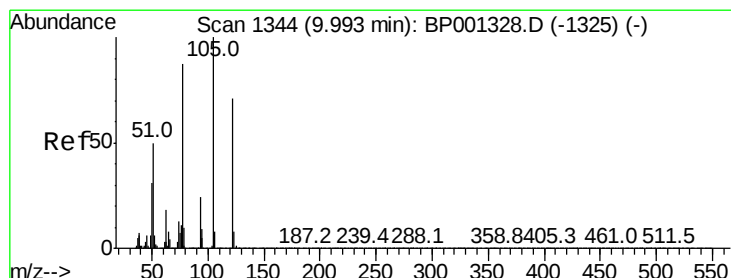
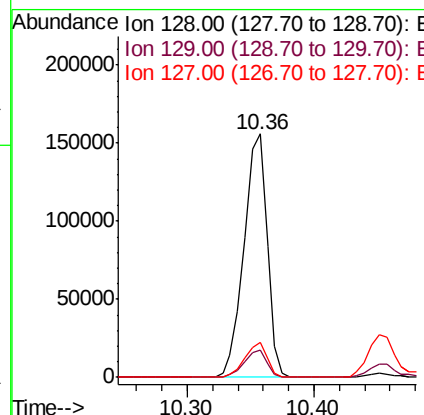
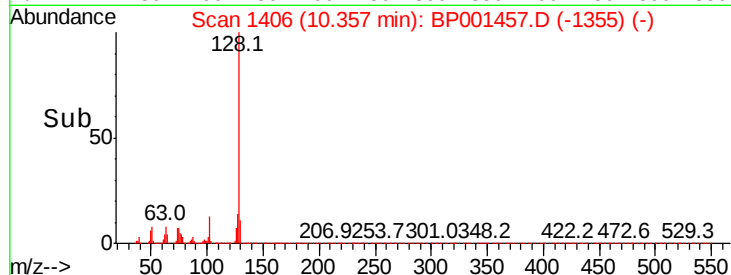
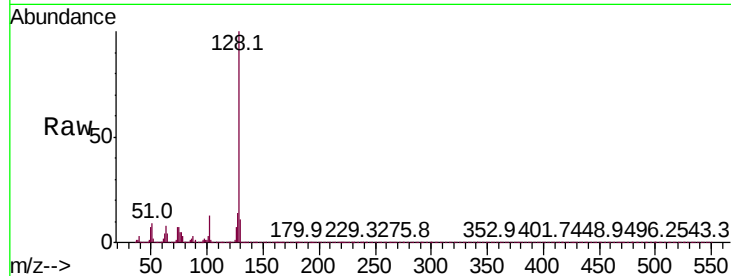




#31
Naphthalene
Concen: 38.096 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

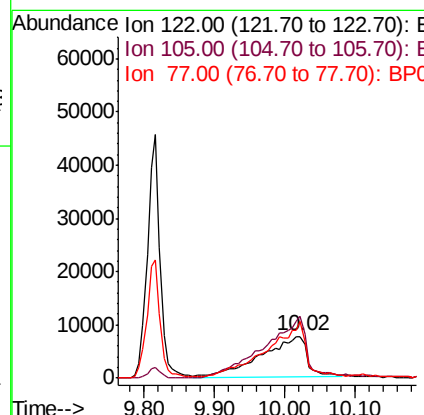
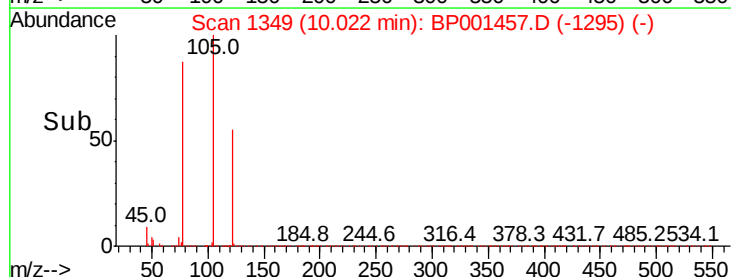
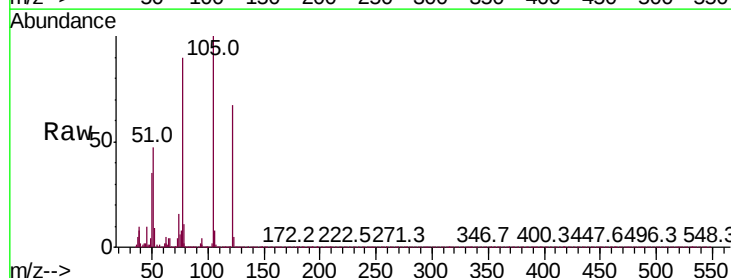
Instrument :
BNA_P
ClientSampleId :
PB125724BS

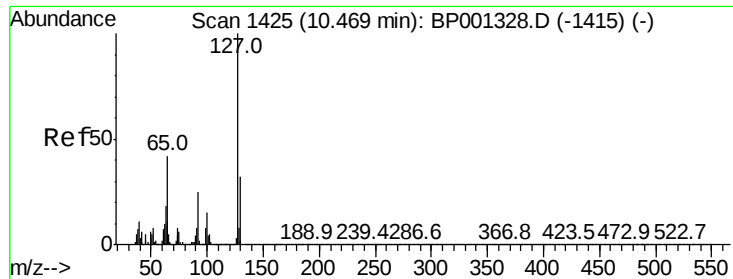
Tot Ion:128 Resp: 197678
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.2 11.0 16.6



#32
Benzoic acid
Concen: 34.058 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:122 Resp: 33502
Ion Ratio Lower Upper
122 100
105 149.3 117.8 157.8
77 134.6 85.6 125.6#

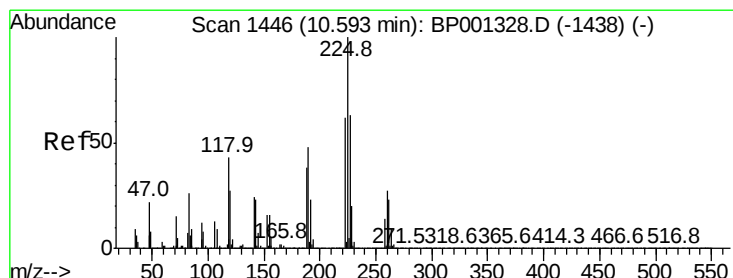
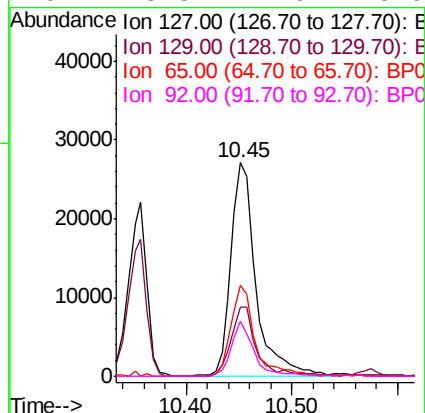
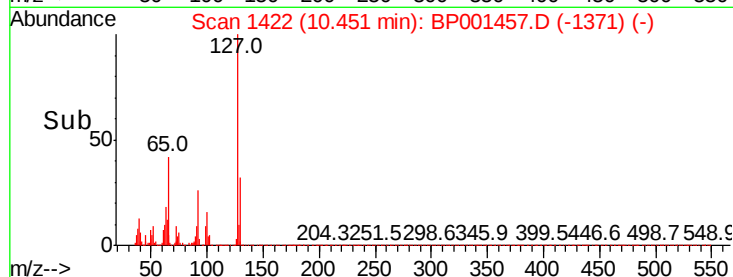
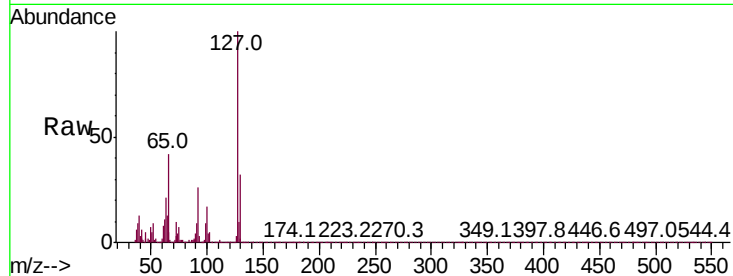




#33
4-Chloroaniline
Concen: 20.899 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

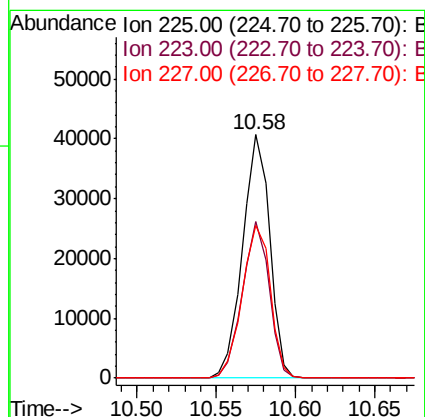
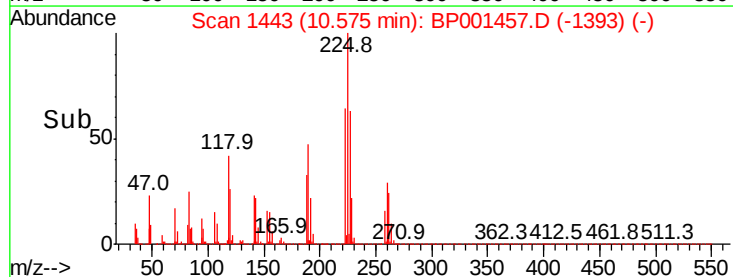
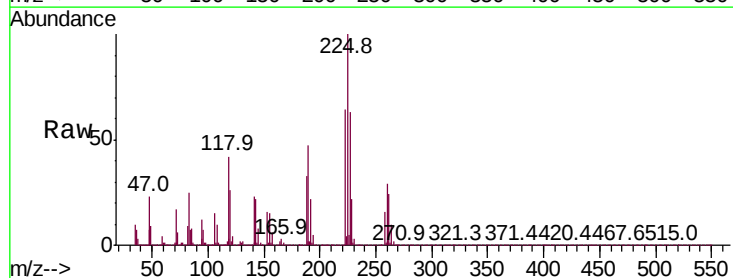
Instrument :
BNA_P
ClientSampleId :
PB125724BS

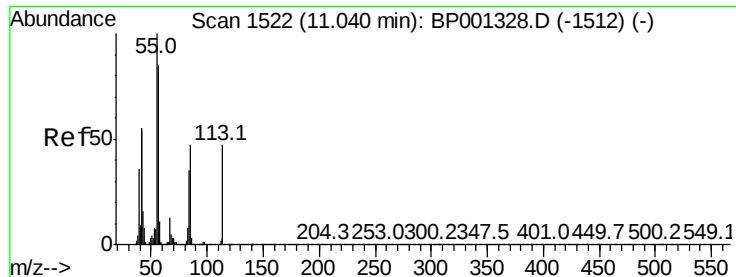
Tot Ion:127	Resp:	44349	
Ion Ratio	Lower	Upper	
127 100			
129 32.1	25.8	38.8	
65 42.4	33.9	50.9	
92 25.5	17.9	26.9	



#34
Hexachlorobutadiene
Concen: 35.644 ng
RT: 10.58 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt	Ion:225	Resp:	48383
Ion	Ratio	Lower	Upper
225	100		
223	64.2	51.4	77.0
227	62.8	57.0	85.4





#35

Caprolactam

Concen: 39.865 ng

RT: 11.03 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

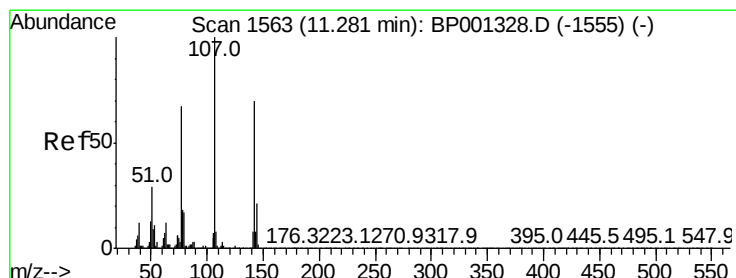
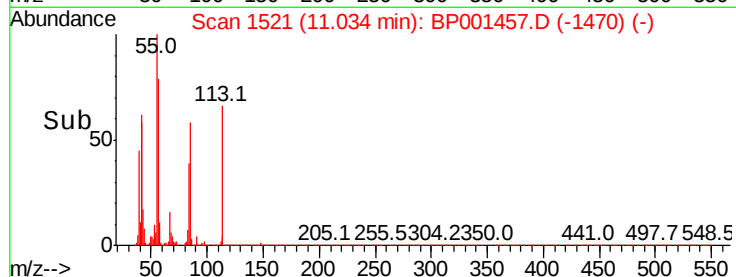
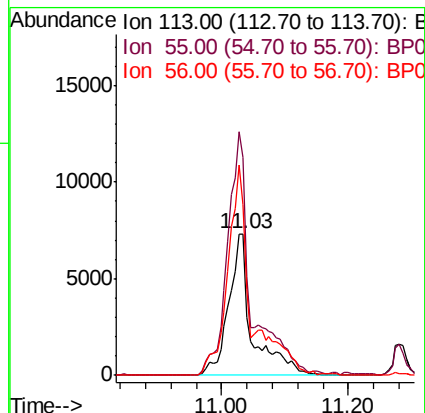
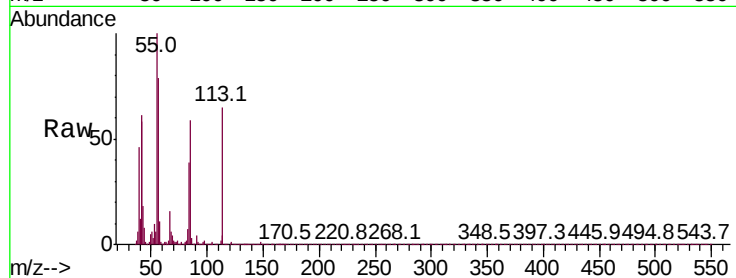
Tot Ion:113 Resp: 18768

Ion Ratio Lower Upper

113 100

55 153.4 164.2 204.2#

56 120.6 130.8 170.8#



#36

4-Chloro-3-methylphenol

Concen: 37.933 ng

RT: 11.28 min Scan# 1563

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

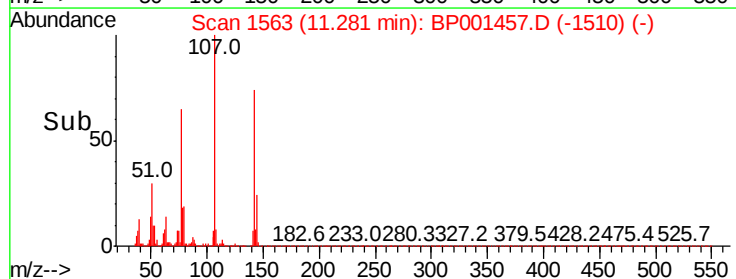
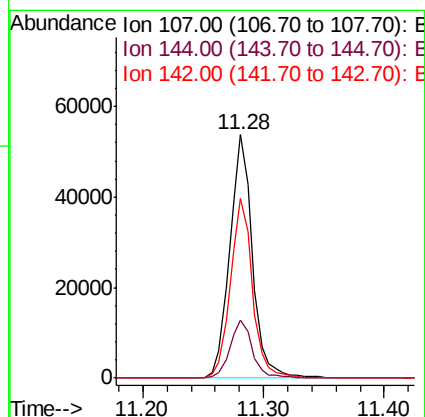
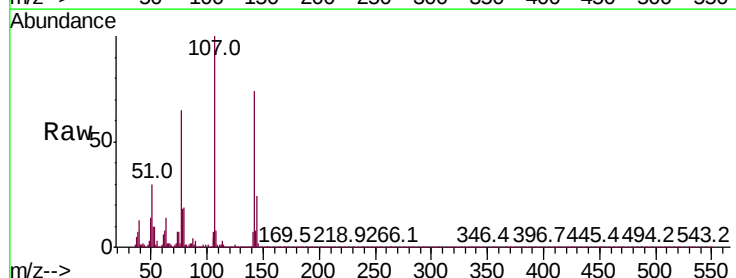
Tgt Ion:107 Resp: 70134

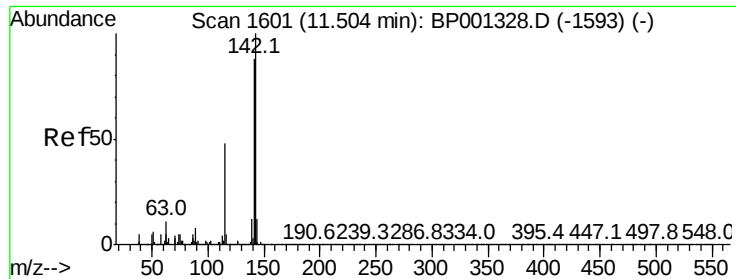
Ion Ratio Lower Upper

107 100

144 24.0 17.8 26.8

142 73.9 56.2 84.4

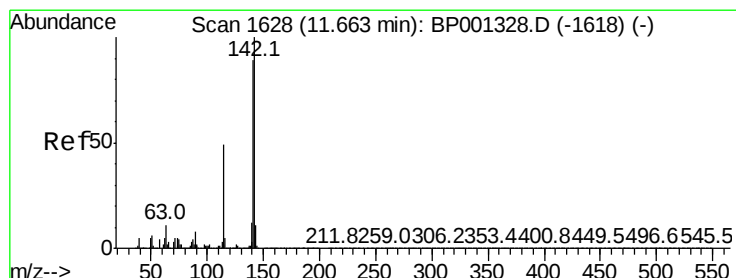
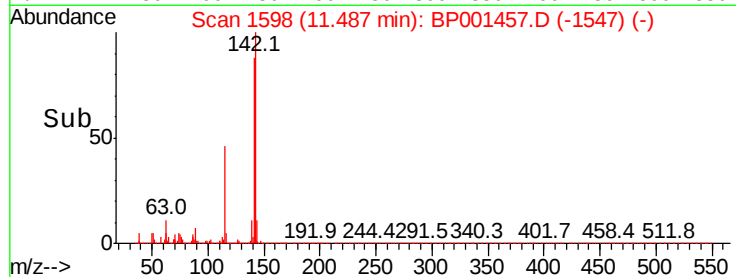
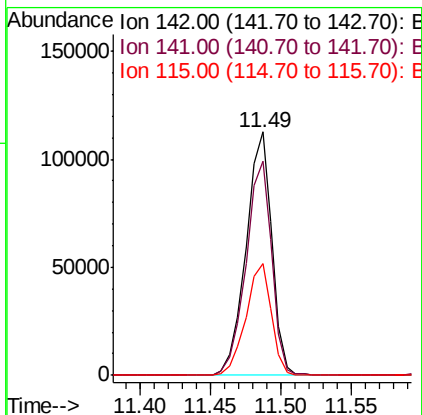
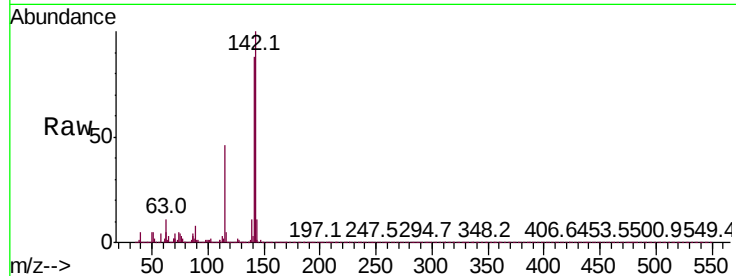




#37
2-Methylnaphthalene
Concen: 40.197 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

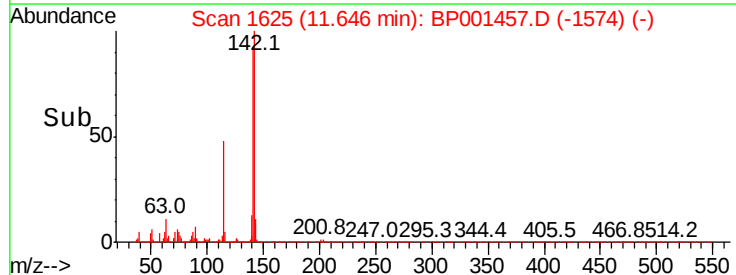
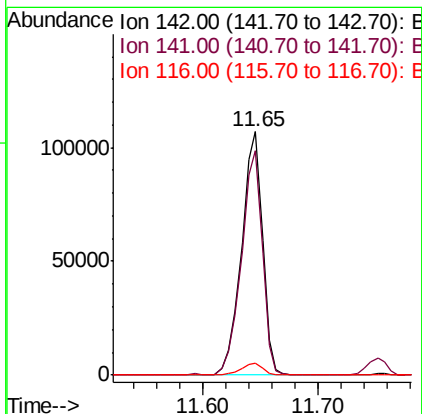
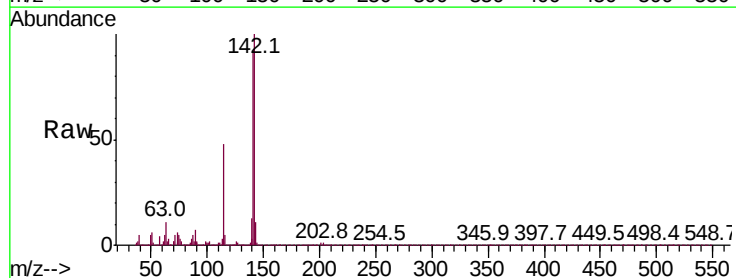
Instrument :
BNA_P
ClientSampleId :
PB125724BS

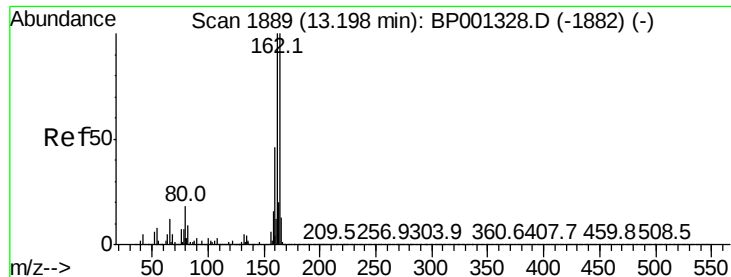
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.2	105.2
115	45.8	37.0	55.4



#38
1-Methylnaphthalene
Concen: 39.961 ng
RT: 11.65 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.9	109.3
116	5.0	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: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

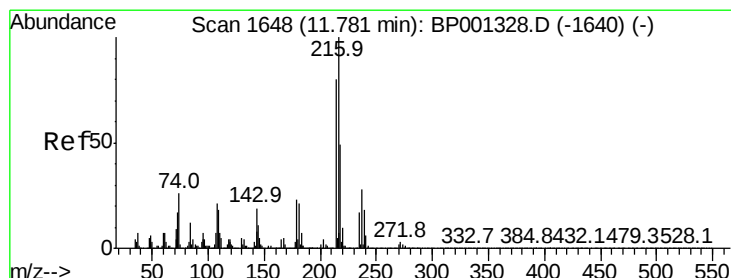
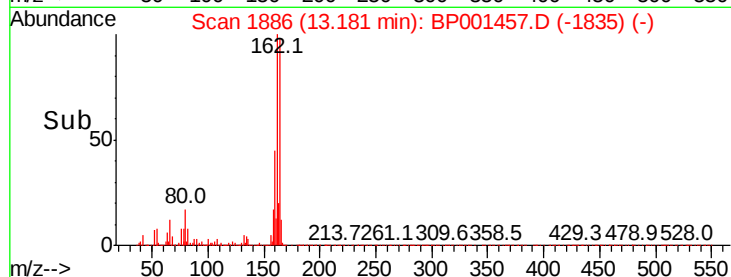
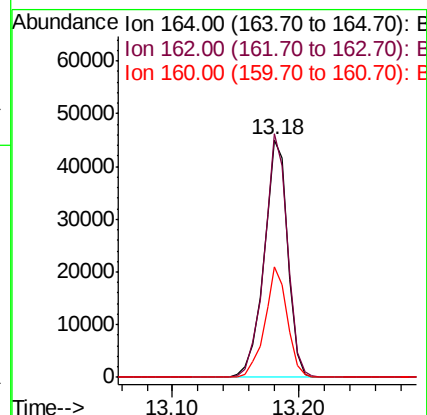
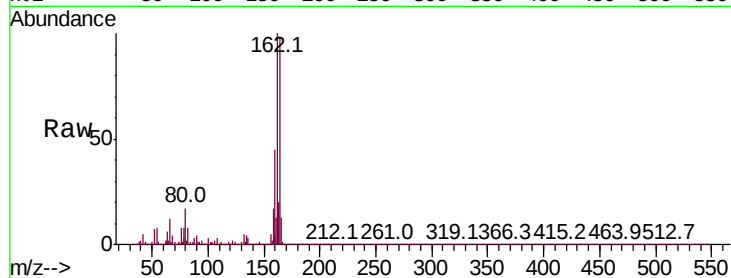
Tot Ion:164 Resp: 58361

Ion Ratio Lower Upper

164 100

162 102.6 78.2 117.4

160 46.4 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.337 ng

RT: 11.76 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:216 Resp: 80569

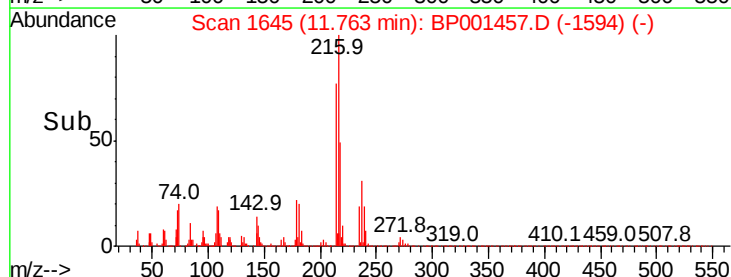
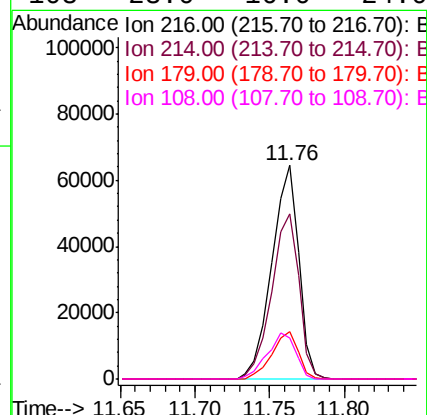
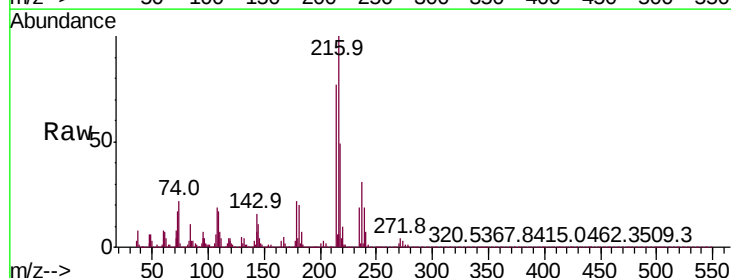
Ion Ratio Lower Upper

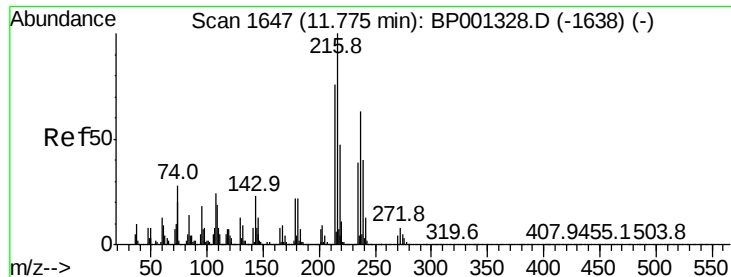
216 100

214 78.9 62.1 93.1

179 21.8 17.1 25.7

108 23.0 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 64.532 ng

RT: 11.75 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

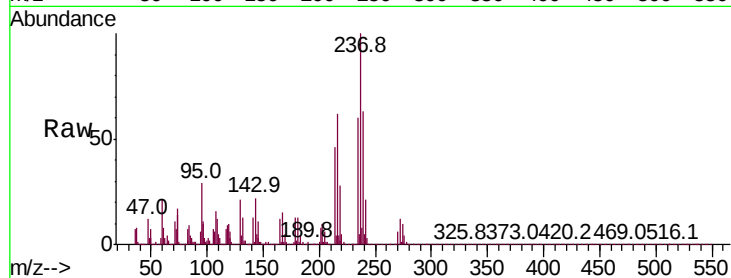
Tot Ion:237 Resp: 68874

Ion Ratio Lower Upper

237 100

235 60.0 42.8 82.8

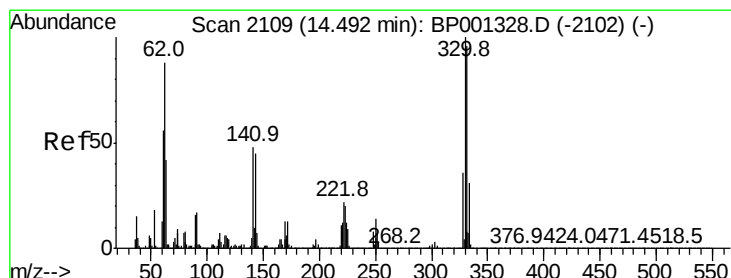
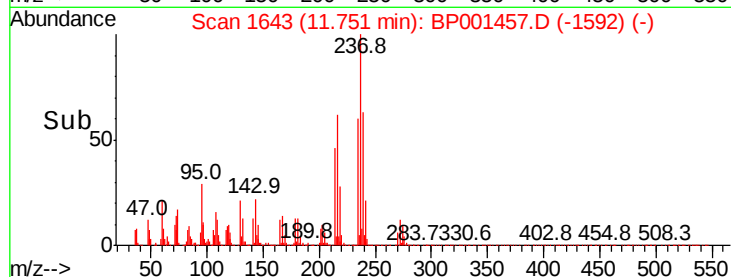
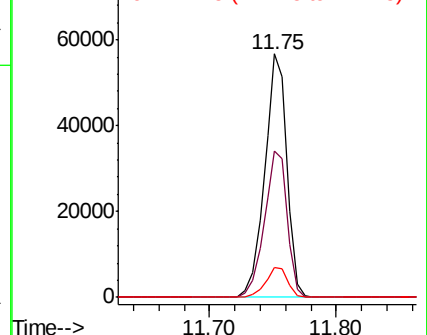
272 12.1 0.0 33.0



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: 116.981 ng

RT: 14.48 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

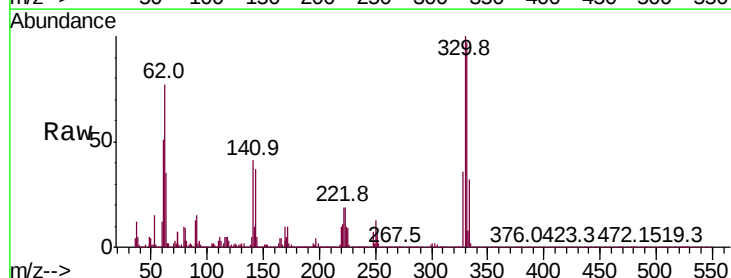
Tgt Ion:330 Resp: 85355

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

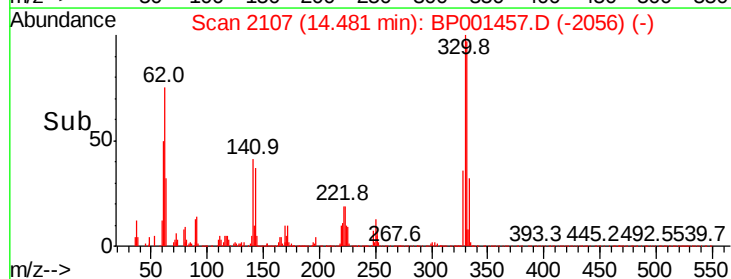
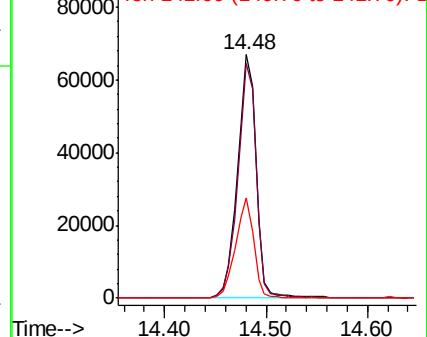
141 40.4 26.8 40.2#

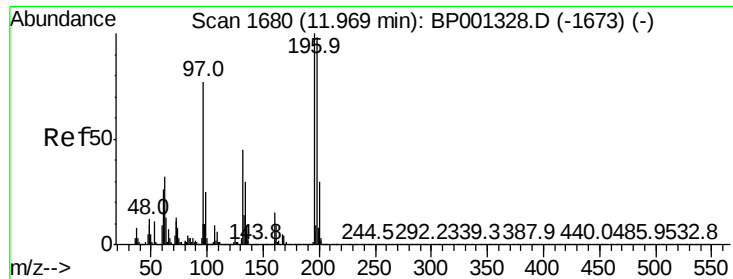


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

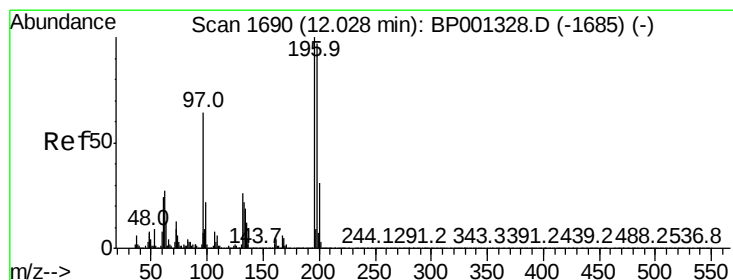
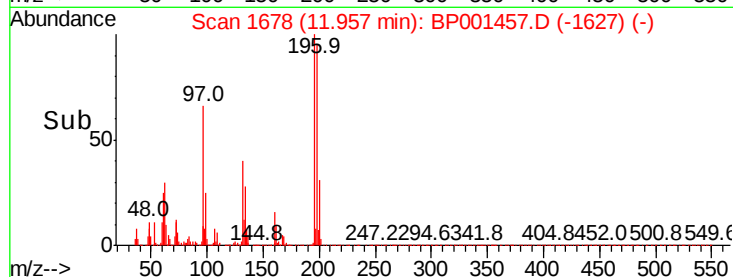
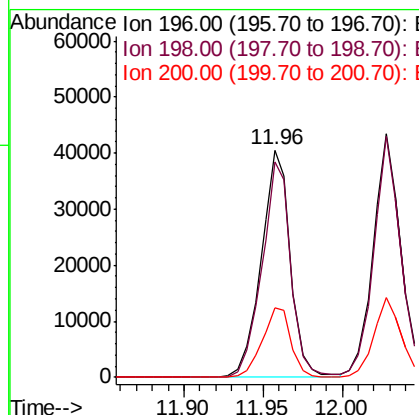
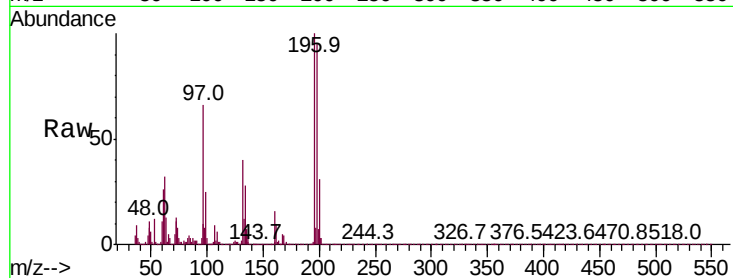




#43
 2,4,6-Trichlorophenol
 Concen: 39.143 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BP001457.D
 Acq: 27 Dec 2019 14:43

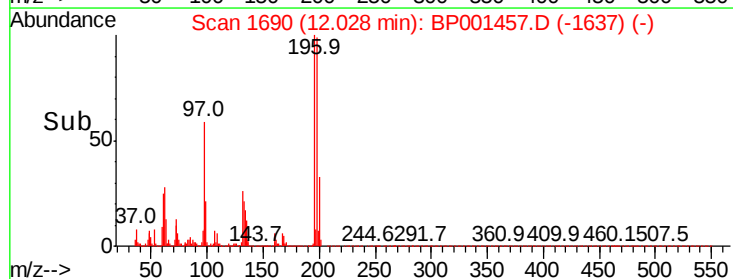
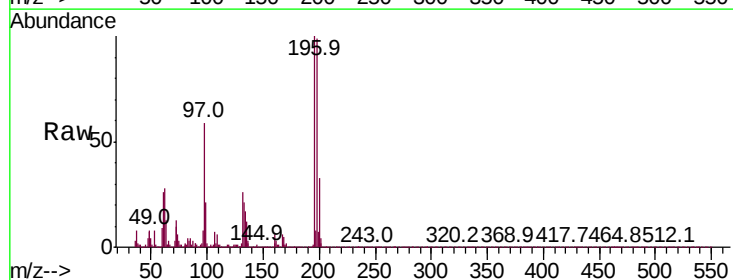
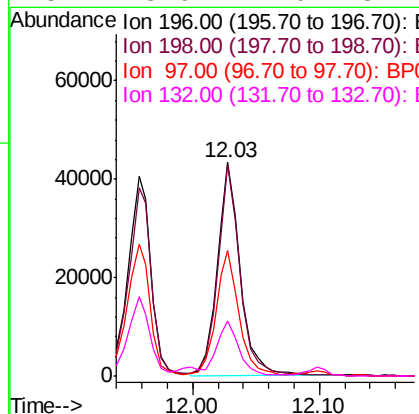
Instrument :
 BNA_P
 ClientSampleId :
 PB125724BS

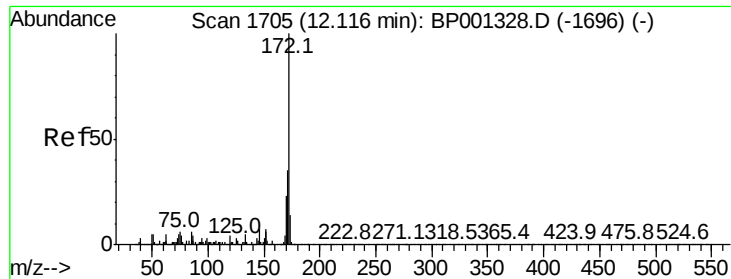
Tot Ion:196 Resp: 51947
 Ion Ratio Lower Upper
 196 100
 198 94.7 77.2 115.8
 200 30.7 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 40.038 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP001457.D
 Acq: 27 Dec 2019 14:43

Tgt Ion:196 Resp: 54594
 Ion Ratio Lower Upper
 196 100
 198 98.9 75.8 113.6
 97 58.7 46.1 69.1
 132 25.6 21.0 31.4

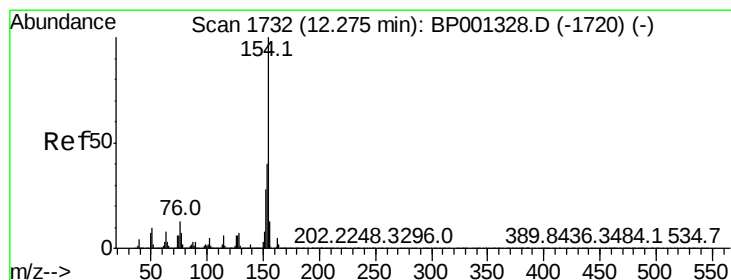
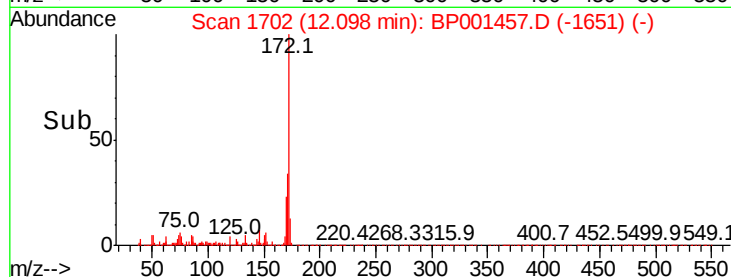
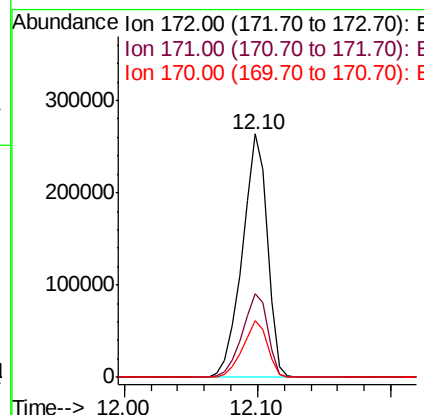
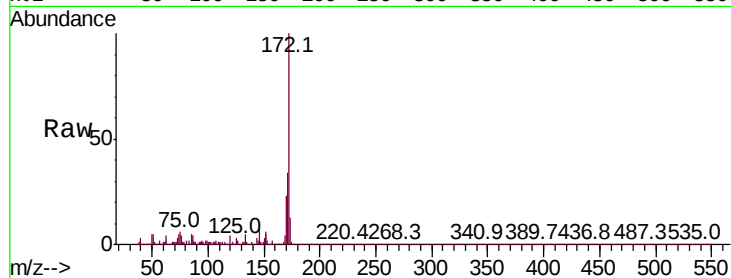




#45
2-Fluorobiphenyl
Concen: 74.067 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

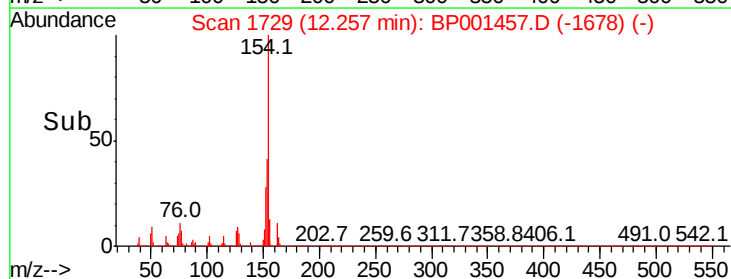
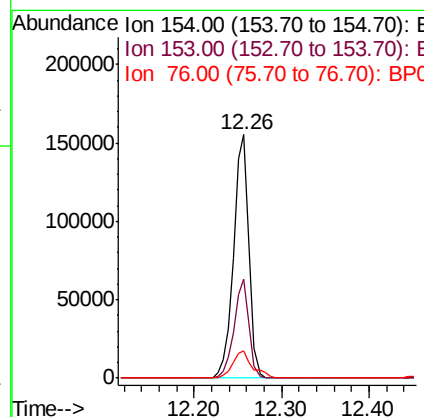
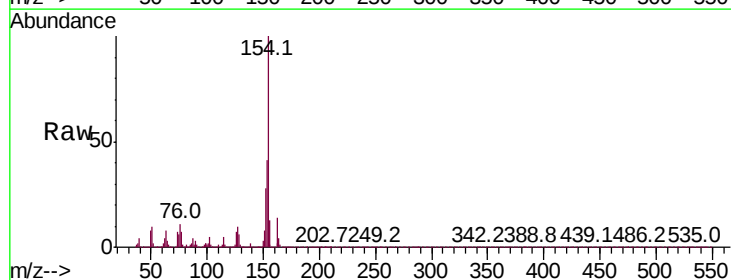
Instrument :
BNA_P
ClientSampleId :
PB125724BS

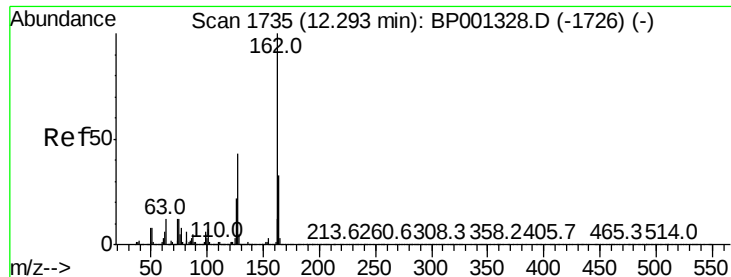
Tot Ion:172 Resp: 341846
Ion Ratio Lower Upper
172 100
171 34.4 27.4 41.0
170 23.1 18.2 27.4



#46
1,1'-Biphenyl
Concen: 38.184 ng
RT: 12.26 min Scan# 1729
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:154 Resp: 186485
Ion Ratio Lower Upper
154 100
153 40.6 19.5 59.5
76 11.3 0.0 31.5

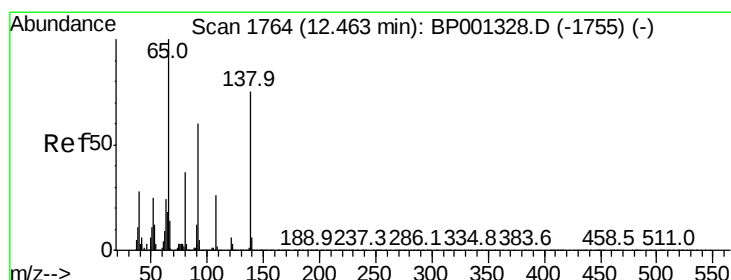
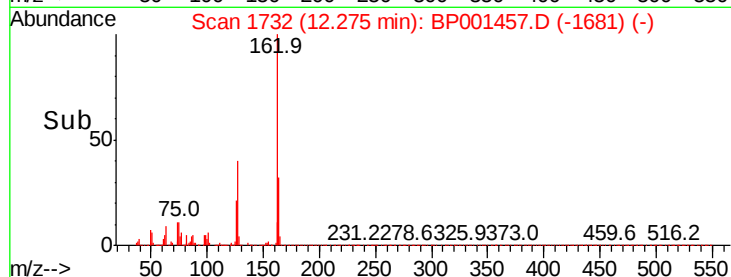
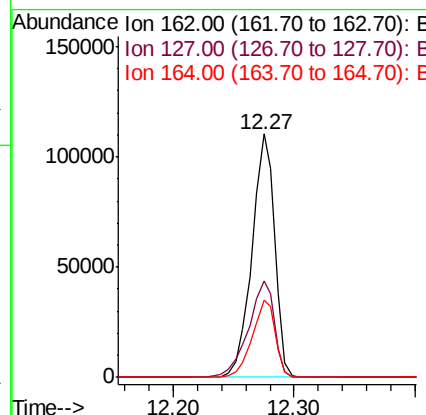
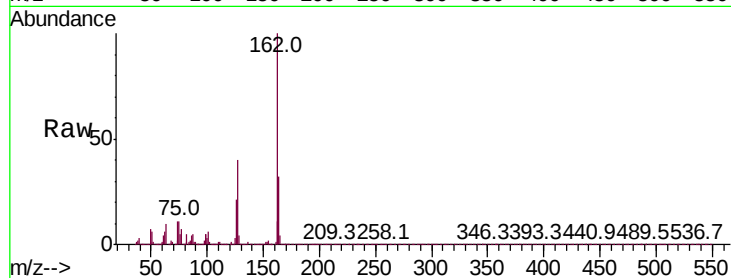




#47
2-Chloronaphthalene
Concen: 36.744 ng
RT: 12.27 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

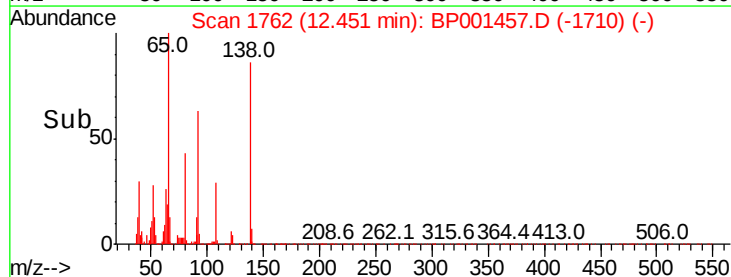
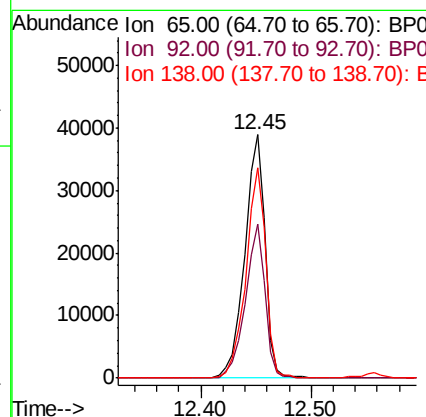
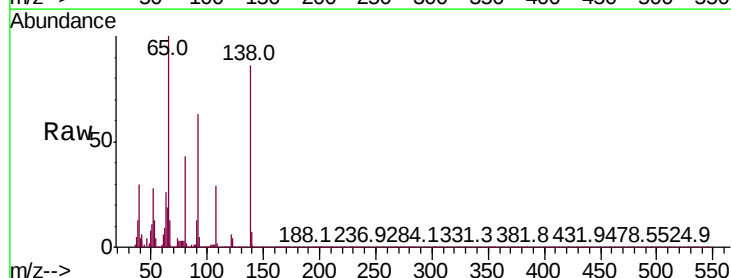
Instrument :
BNA_P
ClientSampleId :
PB125724BS

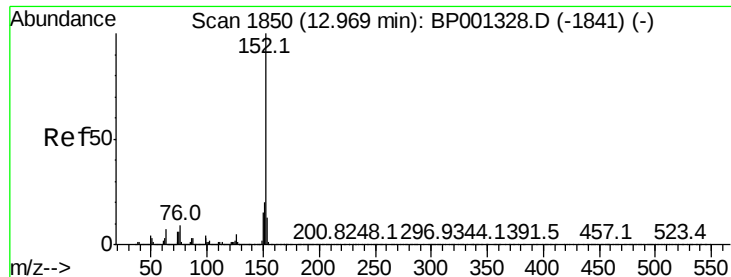
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.4	50.2
164	32.0	26.0	39.0



#48
2-Nitroaniline
Concen: 31.837 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.2	48.9	73.3
138	86.4	65.1	97.7





#49

Acenaphthylene

Concen: 38.659 ng

RT: 12.95 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

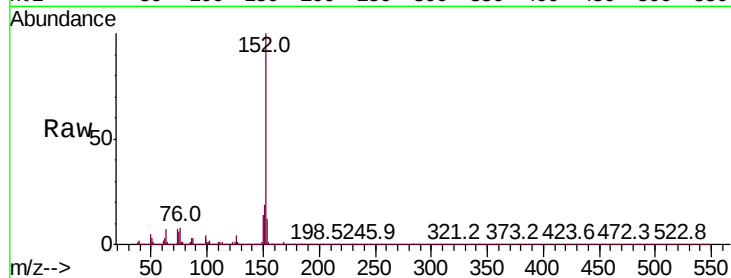
Tot Ion:152 Resp: 223123

Ion Ratio Lower Upper

152 100

151 19.5 15.6 23.4

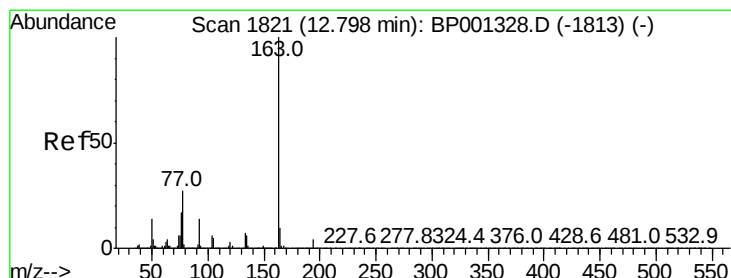
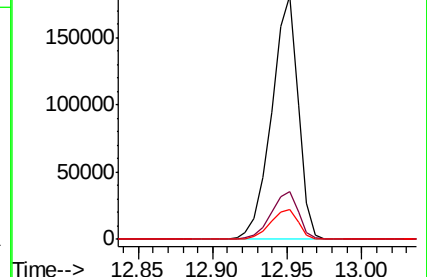
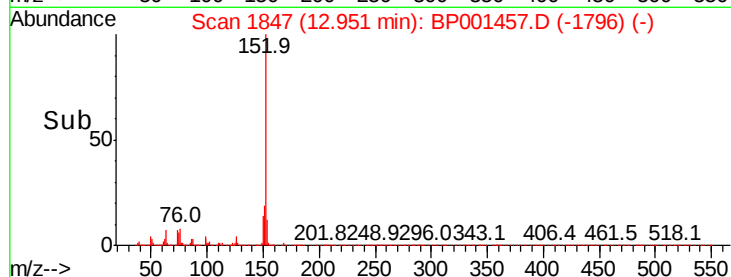
153 12.5 10.3 15.5



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: 36.738 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

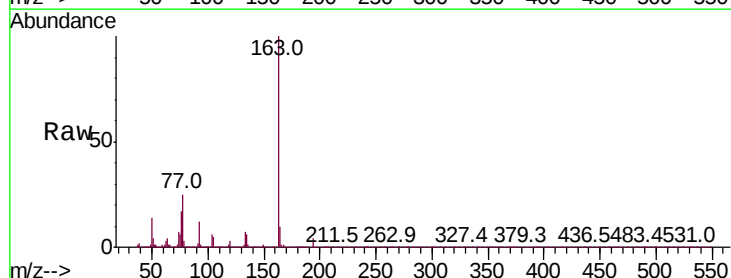
Tgt Ion:163 Resp: 175899

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

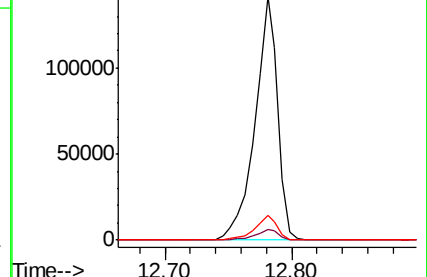
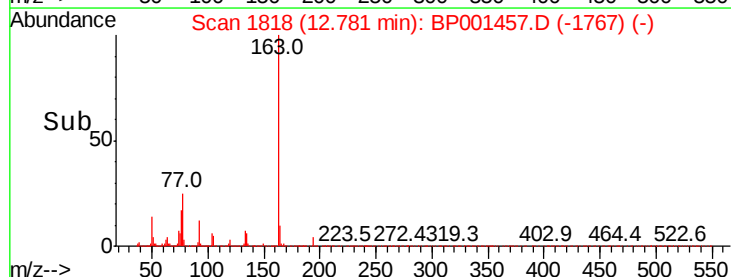
164 10.1 7.7 11.5

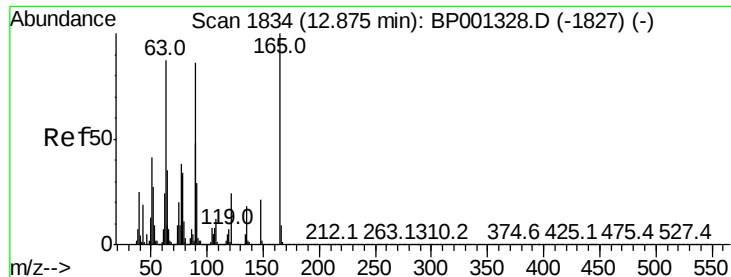


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

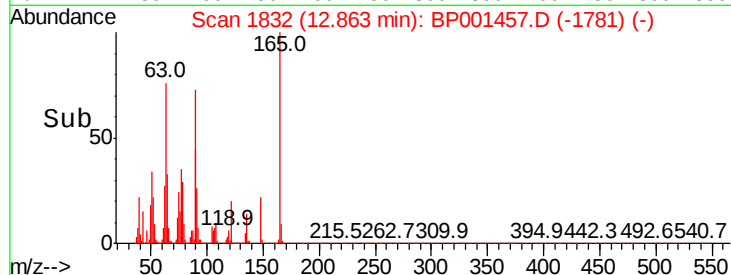
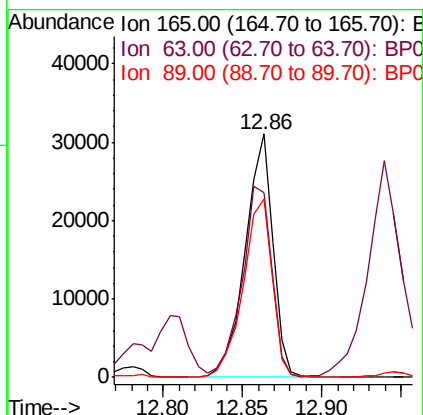
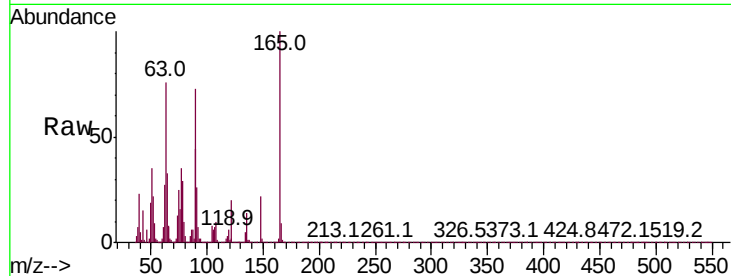




#51
2,6-Dinitrotoluene
Concen: 38.651 ng
RT: 12.86 min Scan# 1832
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

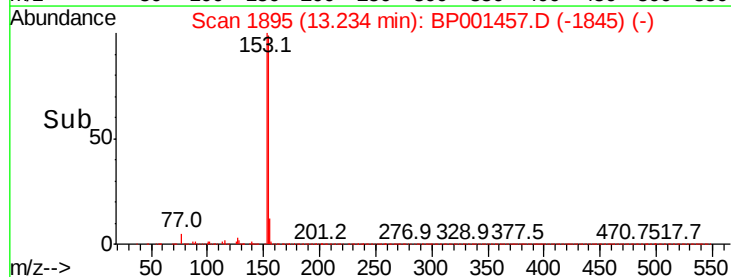
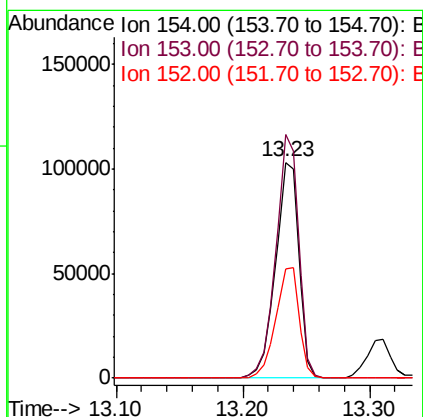
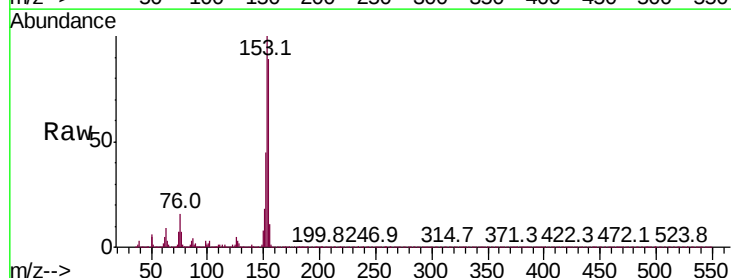
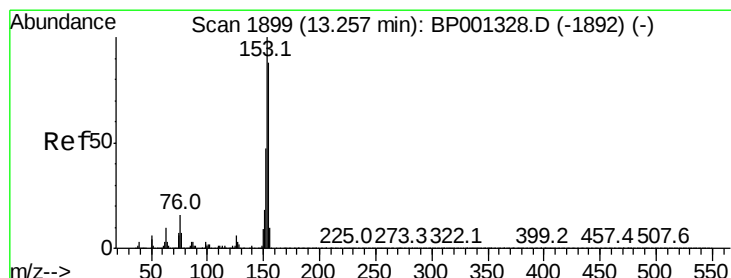
Instrument :
BNA_P
ClientSampleId :
PB125724BS

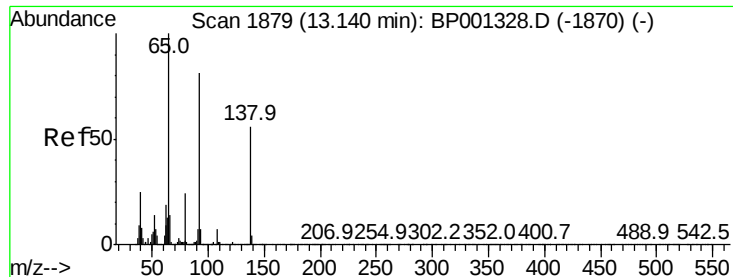
Tot Ion:165 Resp: 37576
Ion Ratio Lower Upper
165 100
63 75.8 60.7 91.1
89 73.5 55.4 83.0



#52
Acenaphthene
Concen: 37.782 ng
RT: 13.23 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:154 Resp: 131382
Ion Ratio Lower Upper
154 100
153 112.9 90.1 135.1
152 50.9 41.8 62.6

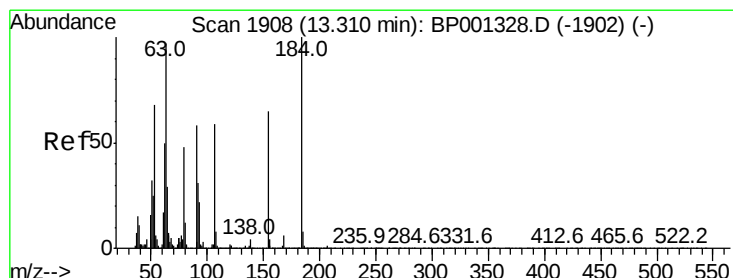
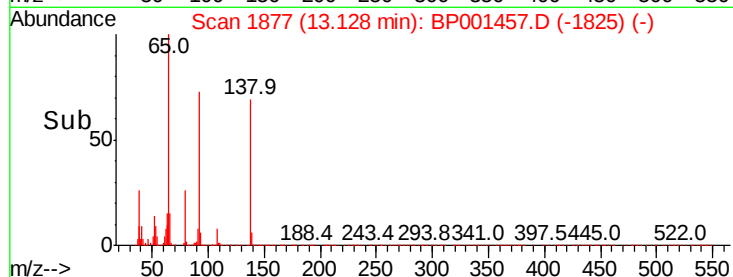
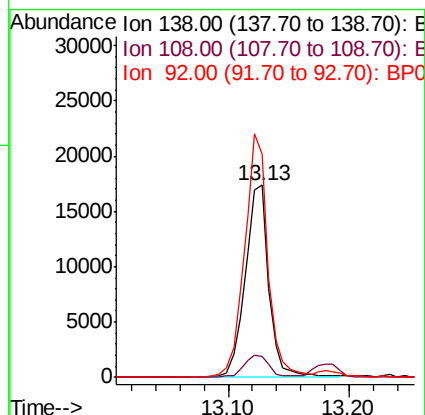
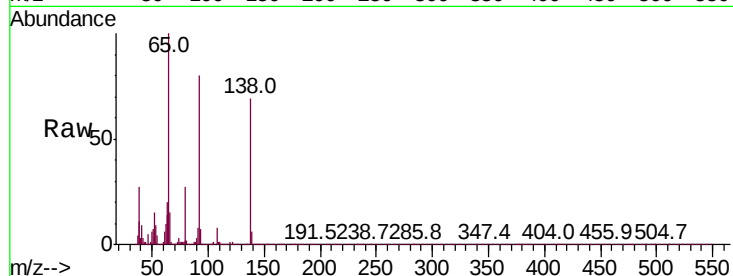




#53
3-Nitroaniline
Concen: 22.818 ng
RT: 13.13 min Scan# 1877
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

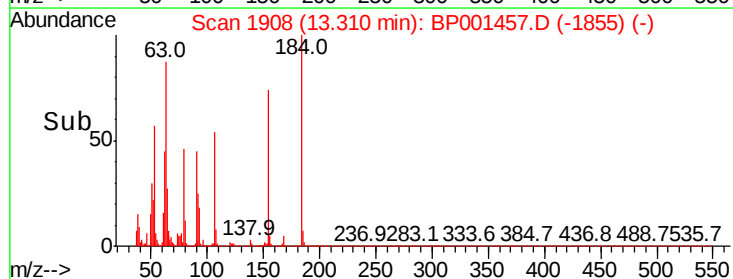
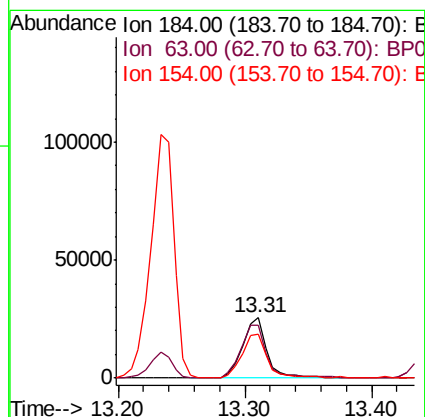
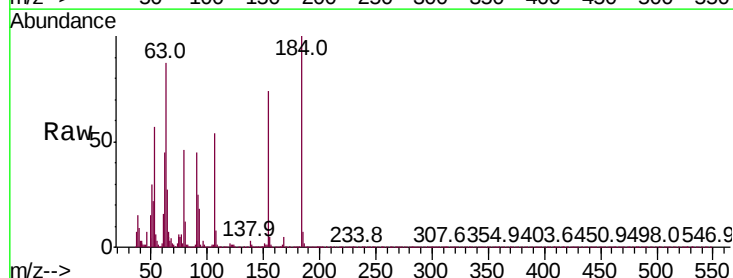
Instrument :
BNA_P
ClientSampleId :
PB125724BS

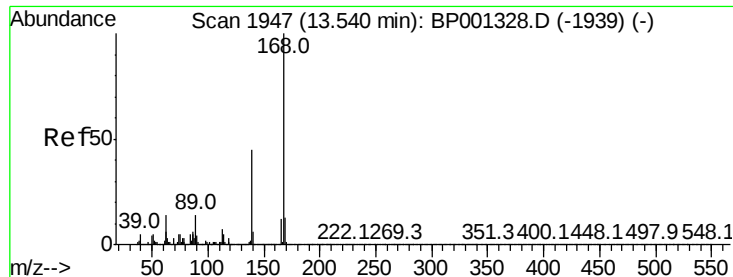
Tot Ion:138 Resp: 23810
Ion Ratio Lower Upper
138 100
108 11.1 10.0 15.0
92 116.4 108.8 163.2



#54
2,4-Dinitrophenol
Concen: 90.109 ng
RT: 13.31 min Scan# 1908
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:184 Resp: 33827
Ion Ratio Lower Upper
184 100
63 86.9 69.5 104.3
154 74.0 58.5 87.7





#55

Dibenzofuran

Concen: 38.907 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

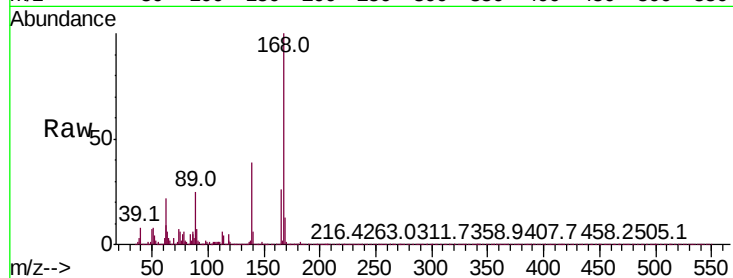
Tot Ion:168 Resp: 211981

Ion Ratio Lower Upper

168 100

139 39.2 33.0 49.4

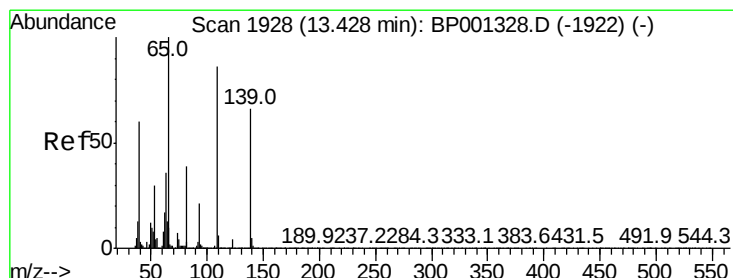
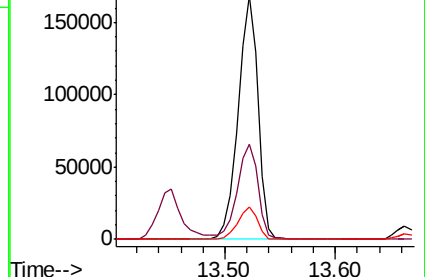
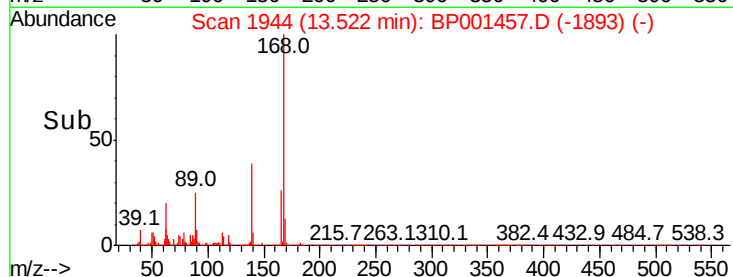
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.180 ng

RT: 13.45 min Scan# 1932

Delta R.T. 0.02 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

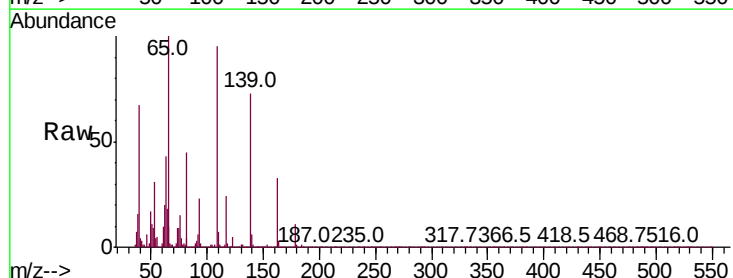
Tgt Ion:139 Resp: 53111

Ion Ratio Lower Upper

139 100

109 129.8 99.7 139.7

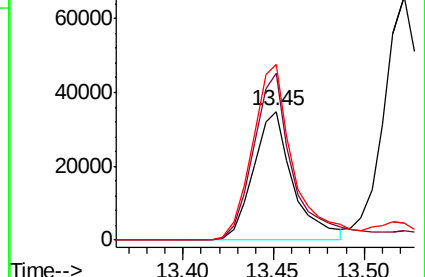
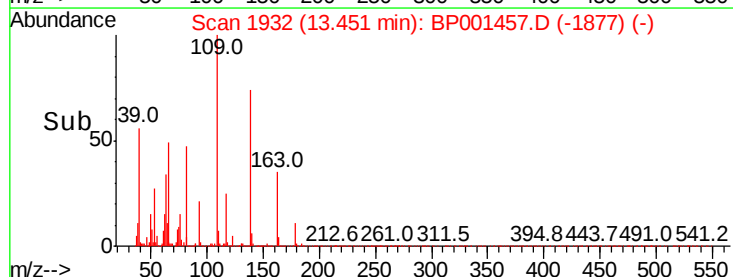
65 136.3 115.0 155.0

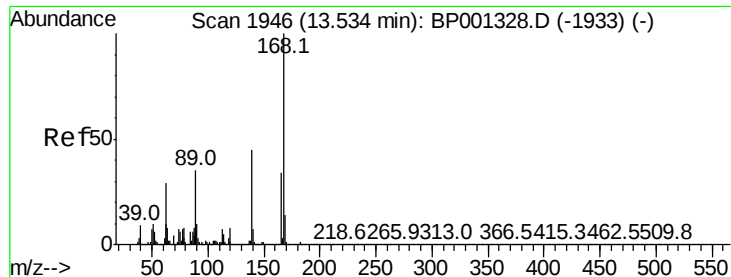


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP

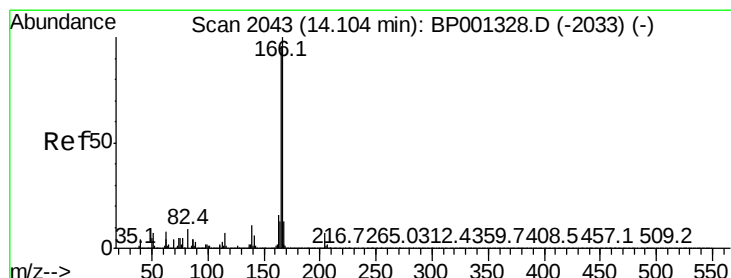
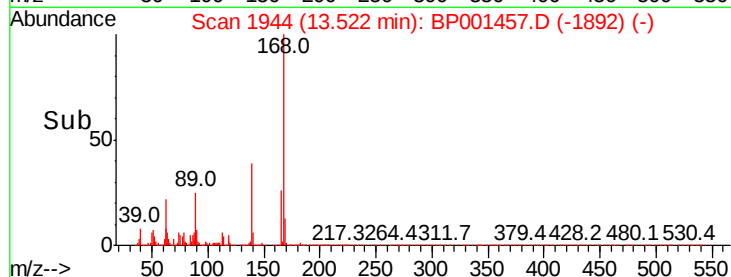
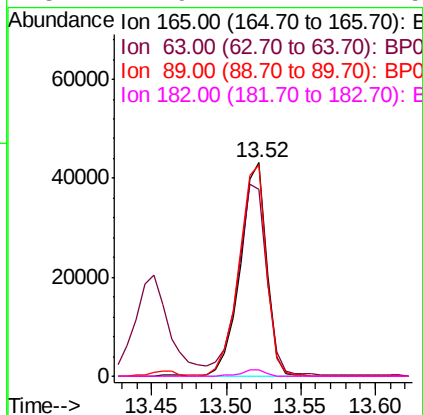
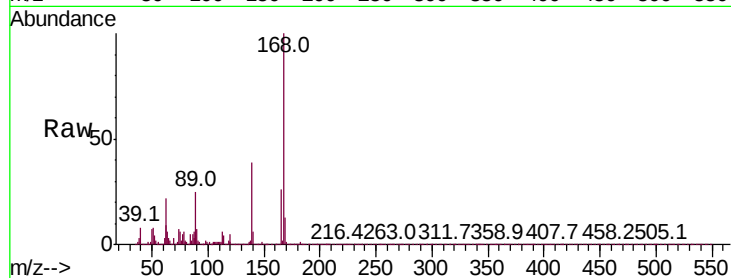




#57
2,4-Dinitrotoluene
Concen: 39.002 ng
RT: 13.52 min Scan# 1944
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

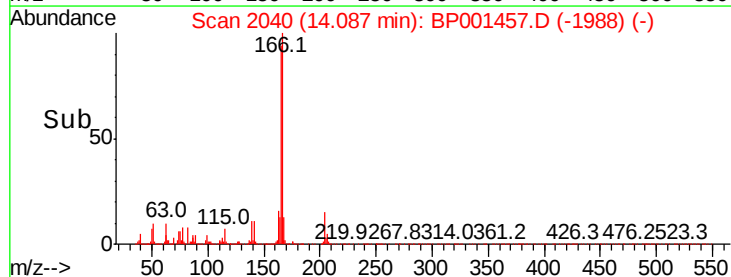
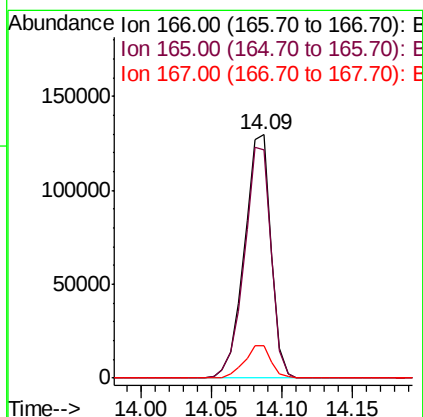
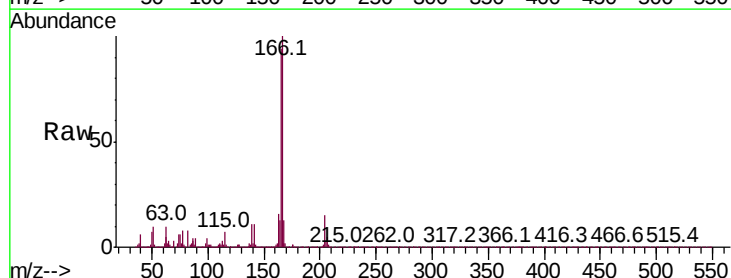
Instrument :
BNA_P
ClientSampleId :
PB125724BS

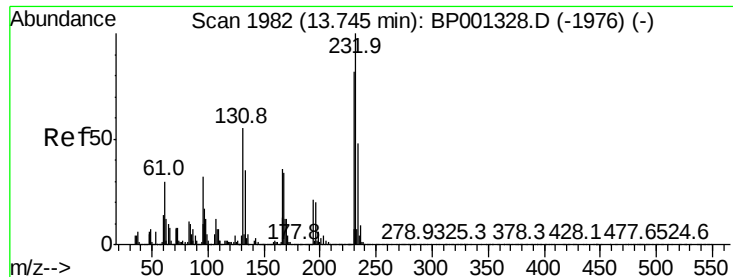
Tot Ion:165 Resp: 52701
Ion Ratio Lower Upper
165 100
63 87.4 66.6 100.0
89 99.2 79.5 119.3
182 2.9 1.7 2.5#



#58
Fluorene
Concen: 39.177 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:166 Resp: 170728
Ion Ratio Lower Upper
166 100
165 93.7 76.6 114.8
167 13.4 11.0 16.4

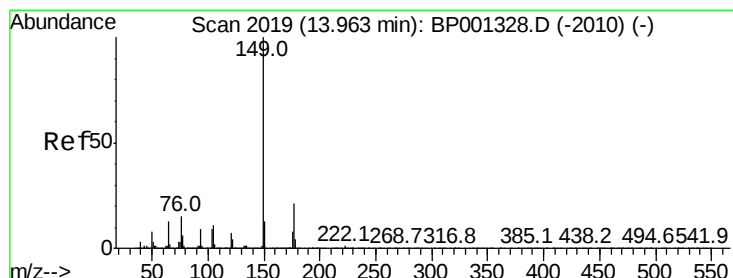
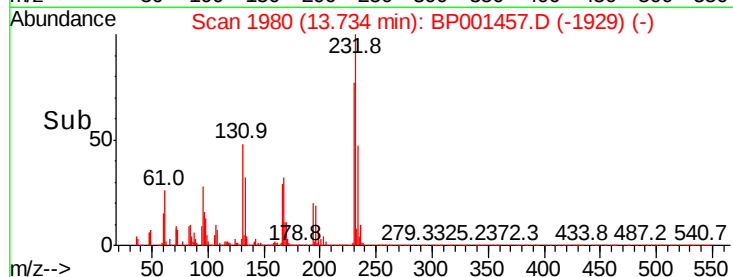
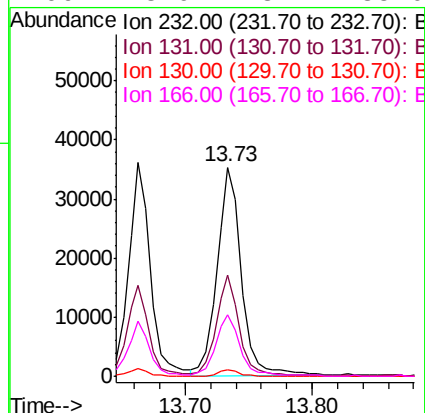
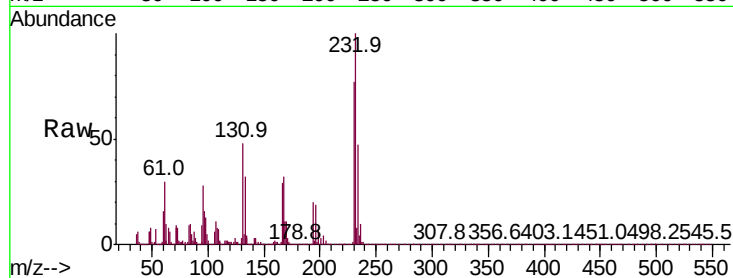




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.020 ng
RT: 13.73 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

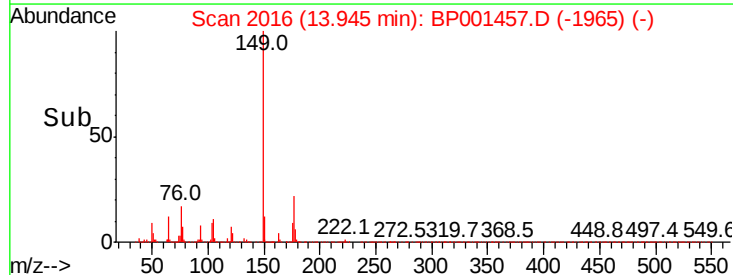
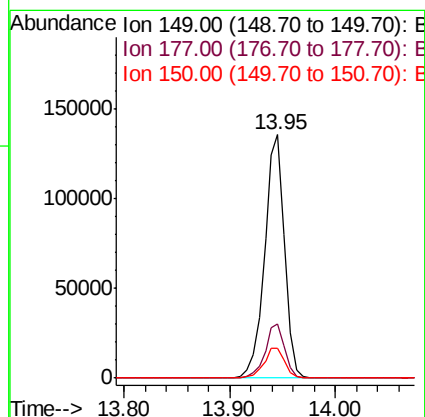
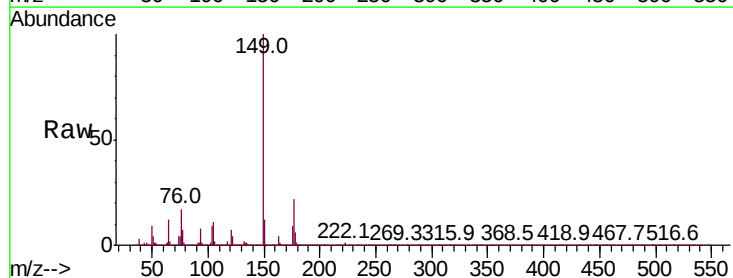
Instrument :
BNA_P
ClientSampleId :
PB125724BS

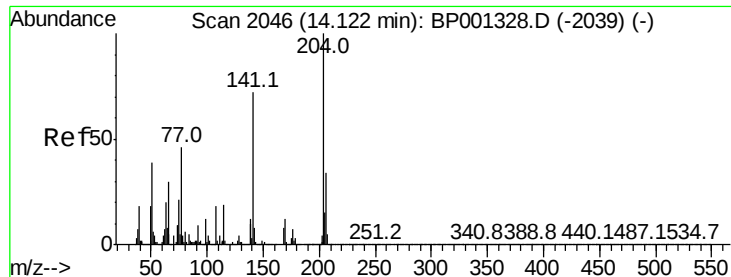
Tot Ion:232 Resp: 46850
Ion Ratio Lower Upper
232 100
131 47.0 34.2 51.4
130 3.0 2.1 3.1
166 28.9 23.4 35.0



#60
Diethylphthalate
Concen: 35.829 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:149 Resp: 176934
Ion Ratio Lower Upper
149 100
177 22.1 17.8 26.6
150 12.3 9.7 14.5

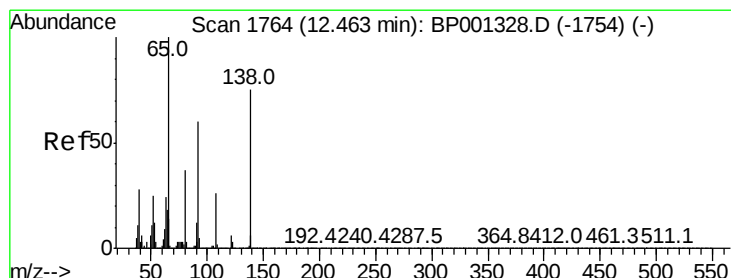
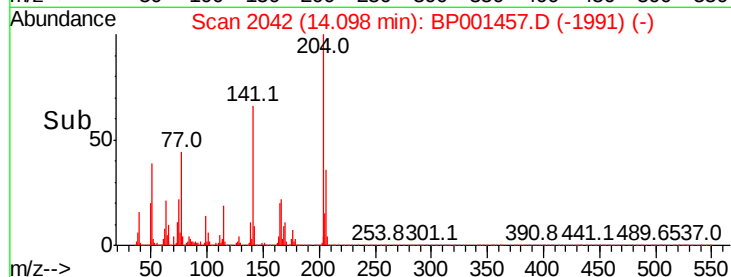
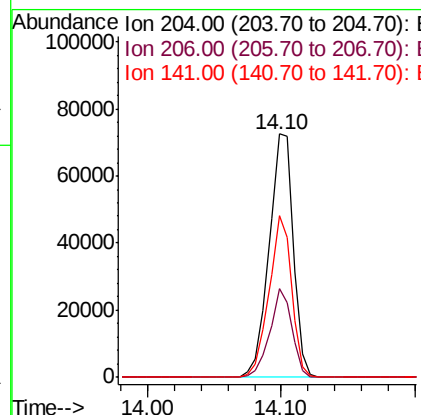
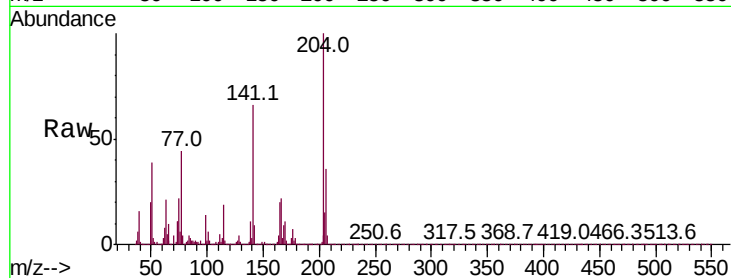




#61
4-Chlorophenyl-phenylether
Concen: 39.893 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

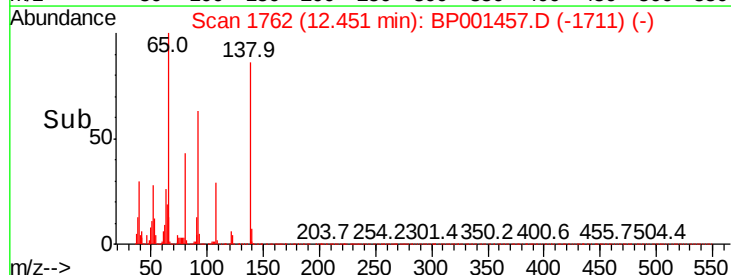
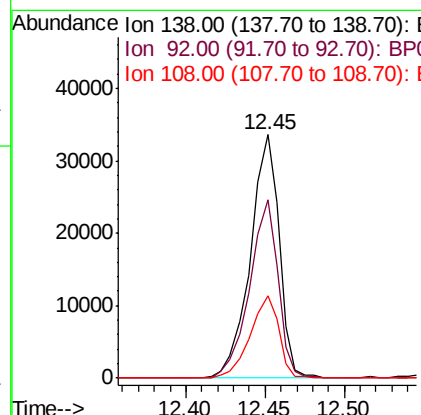
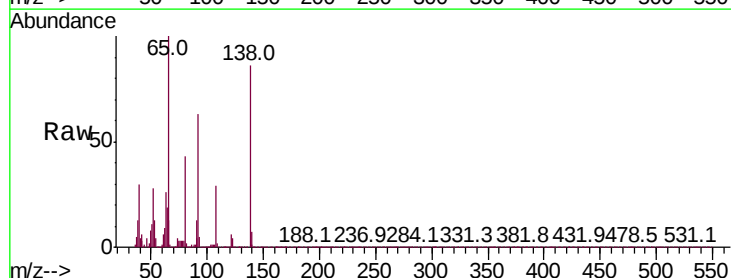
Instrument :
BNA_P
ClientSampleId :
PB125724BS

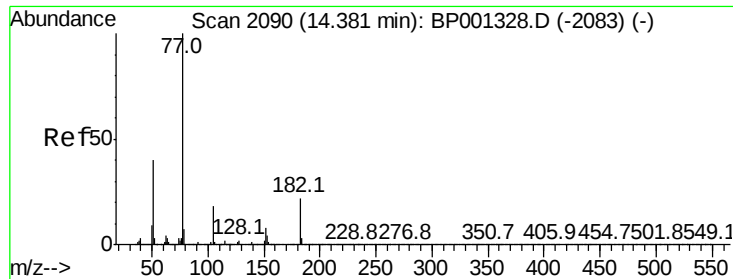
Tot Ion	Ratio	Lower	Upper
204	100		
206	36.4	25.8	38.8
141	66.2	50.6	75.8



#62
4-Nitroaniline
Concen: 35.268 ng
RT: 12.45 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	73.2	45.4	85.4
108	33.9	11.4	51.4

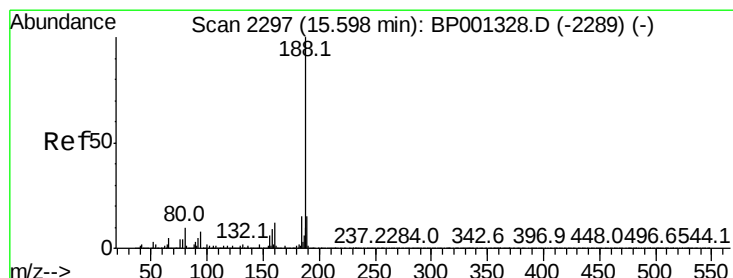
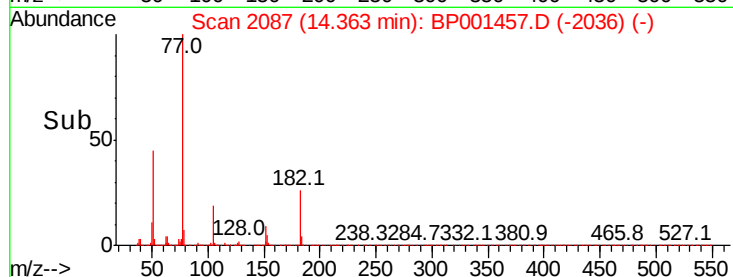
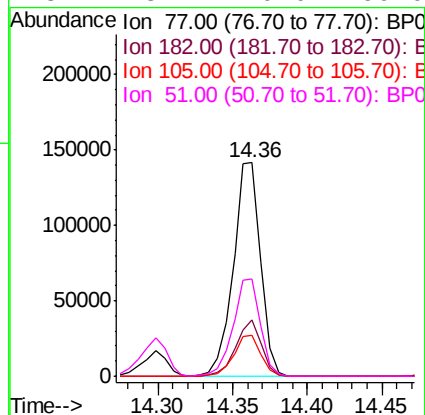
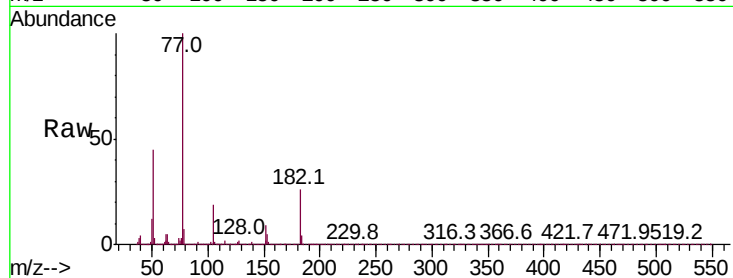




#63
Azobenzene
Concen: 34.710 ng
RT: 14.36 min Scan# 2087
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

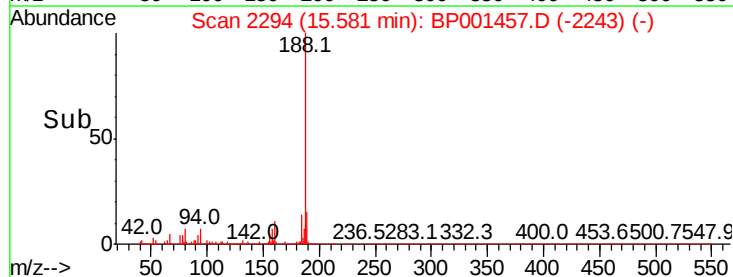
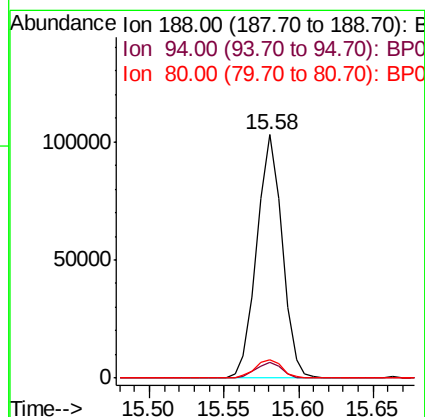
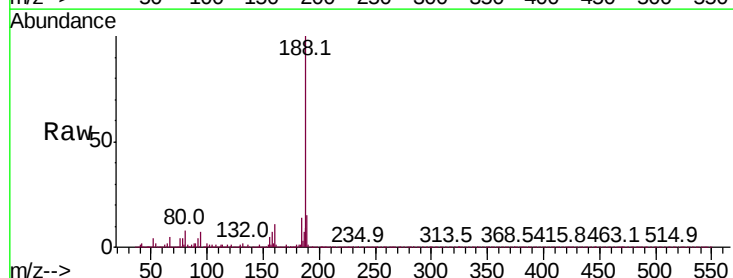
Instrument :
BNA_P
ClientSampleId :
PB125724BS

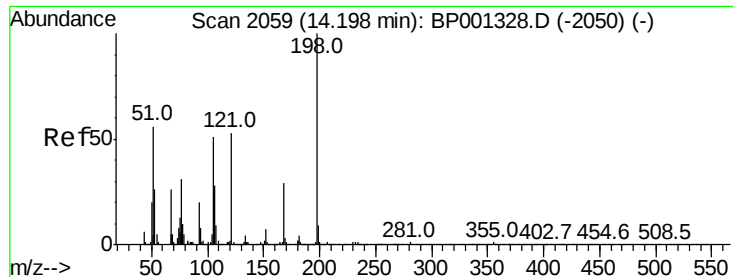
Tot Ion:	77	Resp:	180456
Ion	Ratio	Lower	Upper
77	100		
182	26.2	5.8	45.8
105	19.1	0.0	38.8
51	45.4	20.0	60.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:	188	Resp:	120604
Ion	Ratio	Lower	Upper
188	100		
94	6.6	5.8	8.8
80	7.6	5.7	8.5





#65

4,6-Dinitro-2-methylphenol

Concen: 47.936 ng

RT: 14.19 min Scan# 2057

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

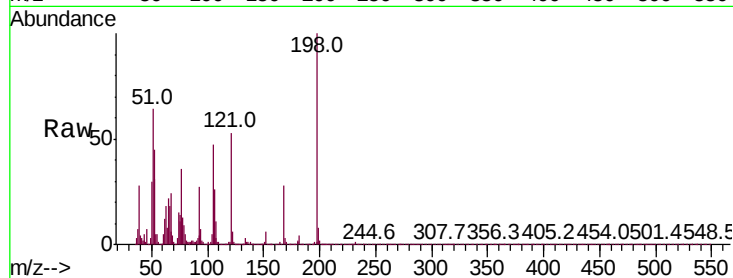
Tot Ion:198 Resp: 25892

Ion Ratio Lower Upper

198 100

51 64.3 42.2 82.2

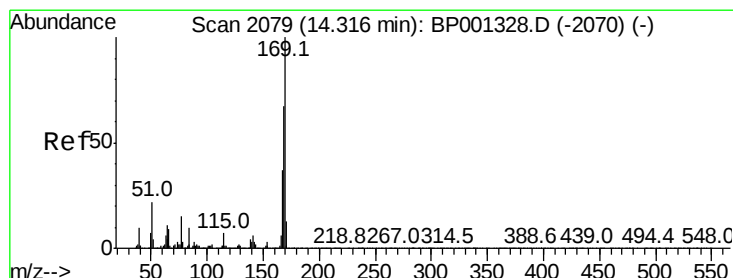
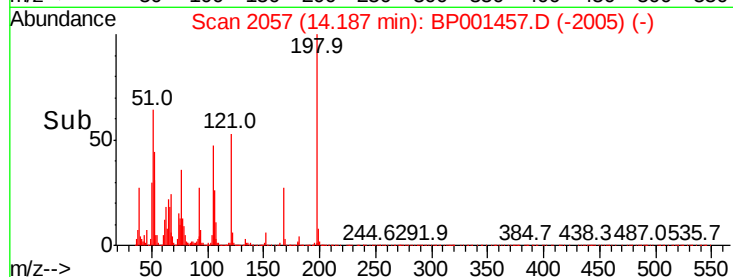
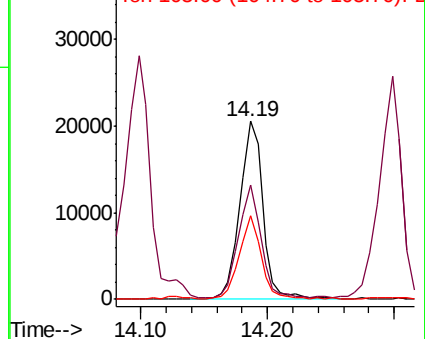
105 46.9 21.5 61.5



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.284 ng

RT: 14.30 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

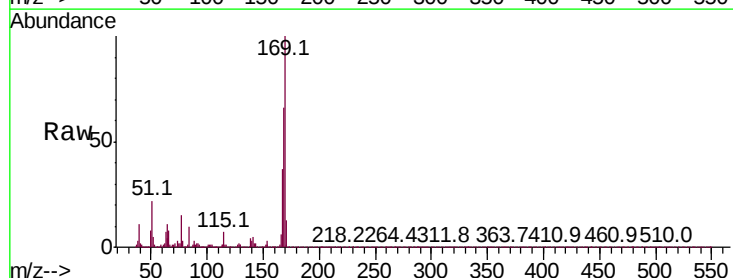
Tgt Ion:169 Resp: 146379

Ion Ratio Lower Upper

169 100

168 66.4 54.2 81.2

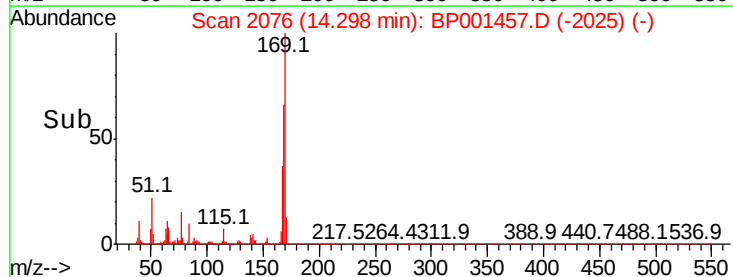
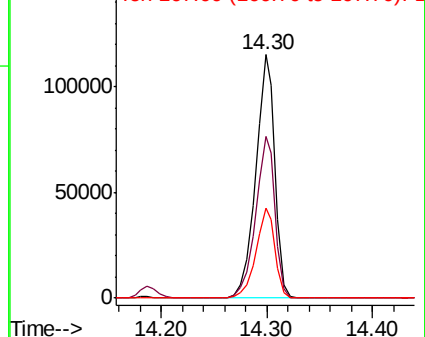
167 37.0 29.3 43.9

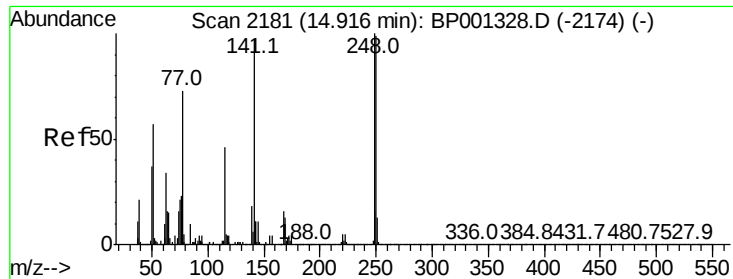


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

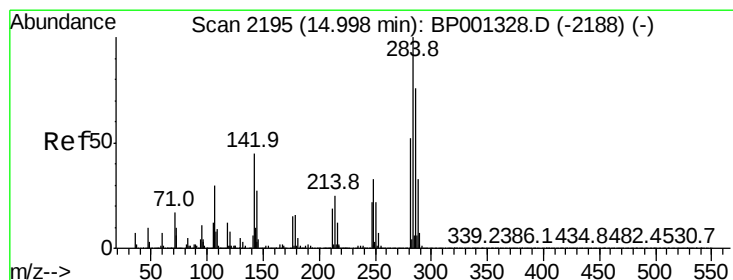
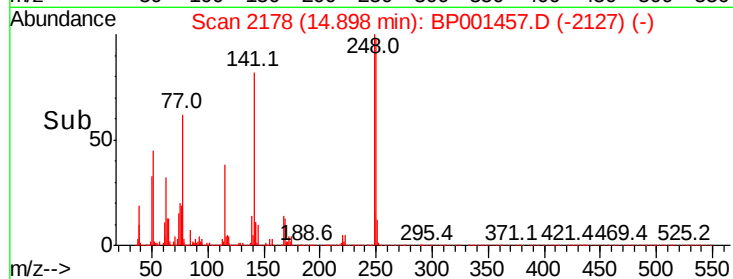
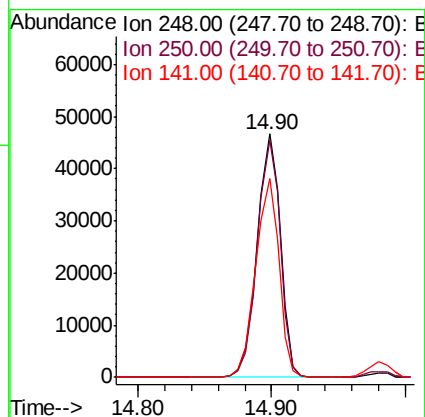
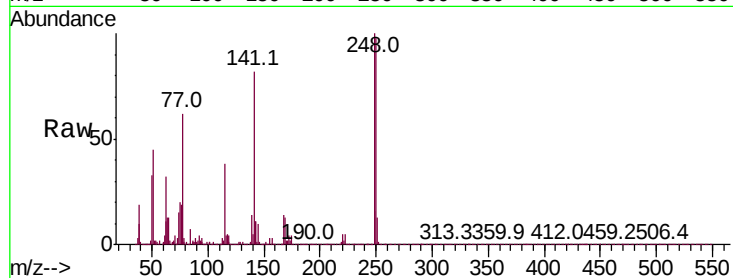




#67
4-Bromophenyl-phenylether
Concen: 38.858 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

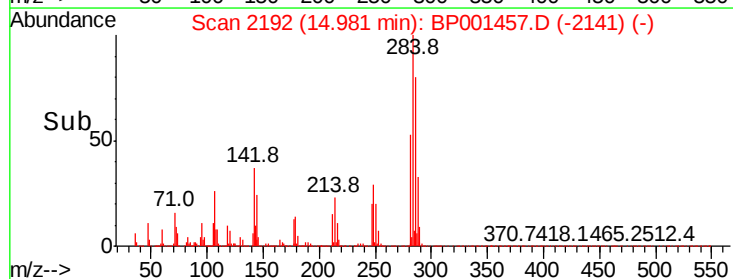
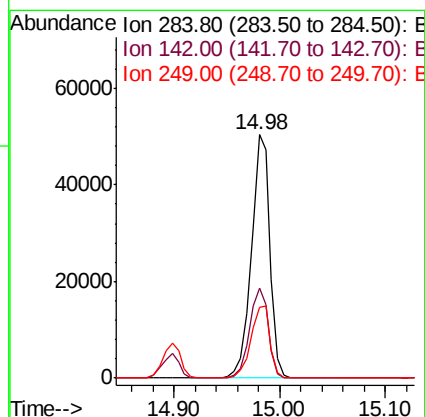
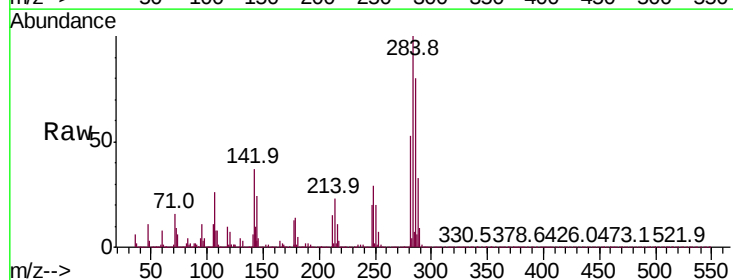
Instrument :
BNA_P
ClientSampleId :
PB125724BS

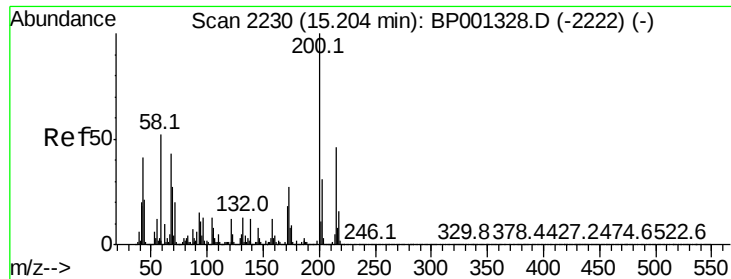
Tot Ion:248 Resp: 55408
Ion Ratio Lower Upper
248 100
250 97.6 76.2 114.4
141 81.9 60.7 91.1



#68
Hexachlorobenzene
Concen: 37.801 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:284 Resp: 61362
Ion Ratio Lower Upper
284 100
142 36.9 28.7 43.1
249 29.3 27.0 40.4





#69

Atrazine

Concen: 39.049 ng

RT: 15.19 min Scan# 2228

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

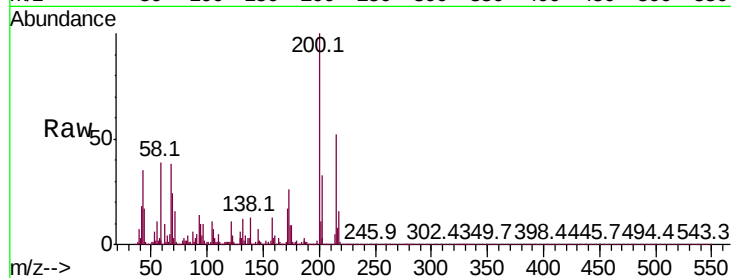
Tot Ion:200 Resp: 53629

Ion Ratio Lower Upper

200 100

173 26.0 3.9 43.9

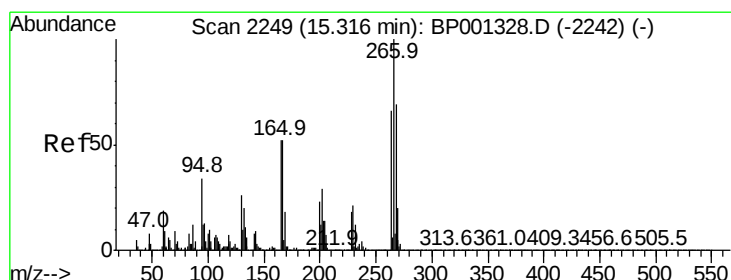
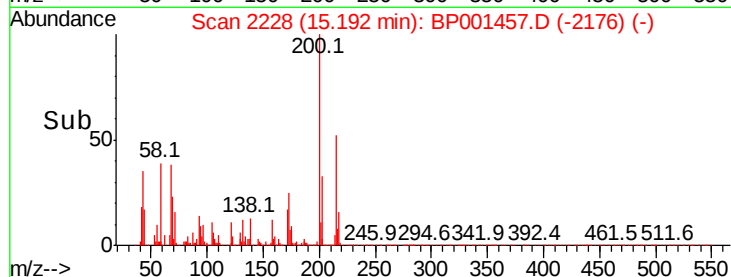
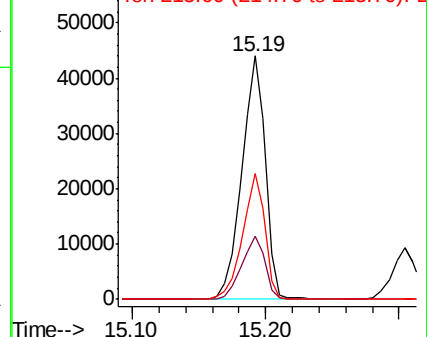
215 51.8 26.1 66.1



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: 78.351 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

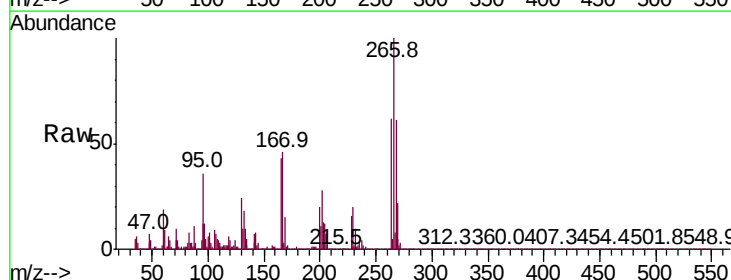
Tgt Ion:266 Resp: 65224

Ion Ratio Lower Upper

266 100

268 61.0 57.0 85.4

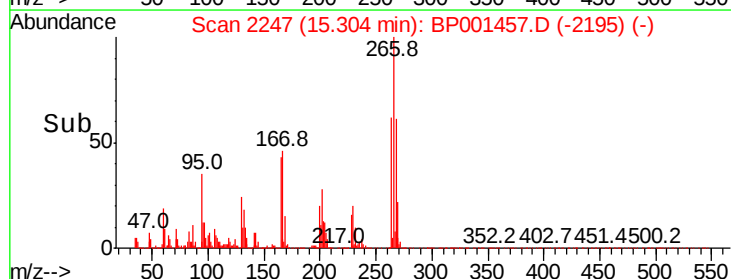
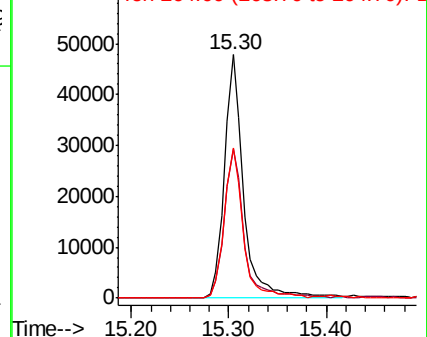
264 61.7 50.8 76.2

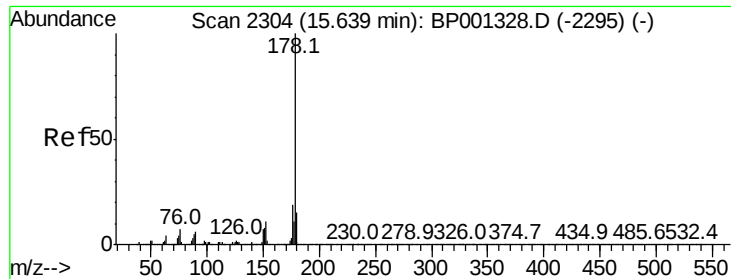


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.599 ng

RT: 15.62 min Scan# 2301

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

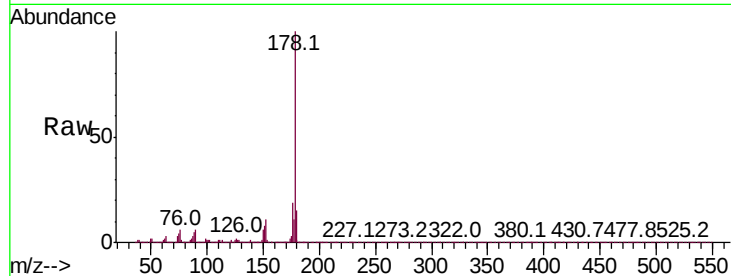
Tot Ion:178 Resp: 258712

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

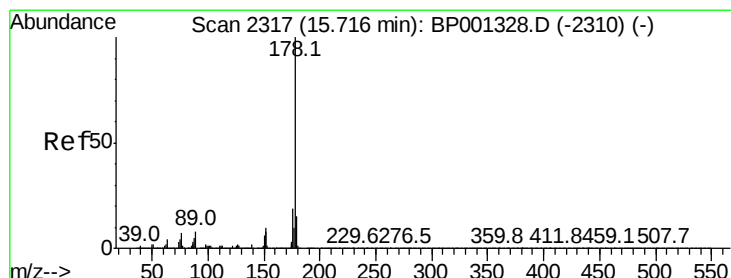
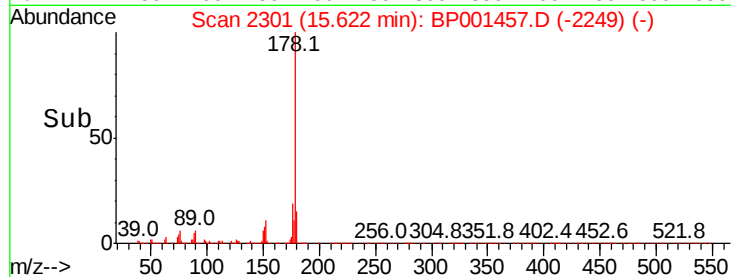
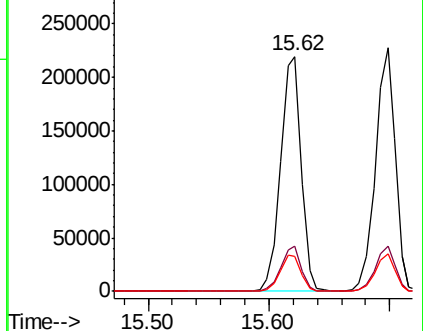
179 14.8 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 38.307 ng

RT: 15.70 min Scan# 2314

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

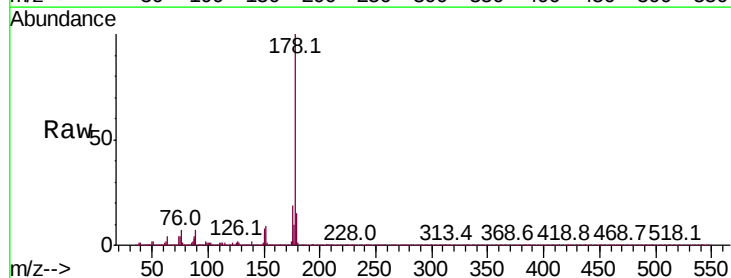
Tgt Ion:178 Resp: 260934

Ion Ratio Lower Upper

178 100

176 18.5 14.5 21.7

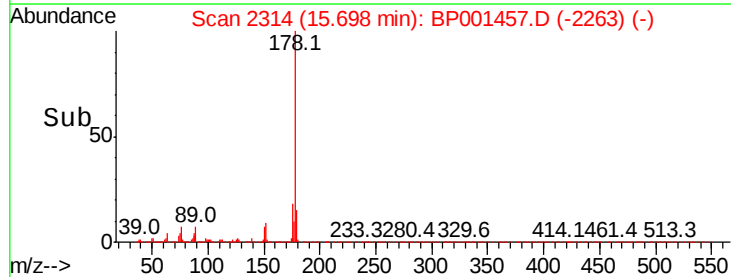
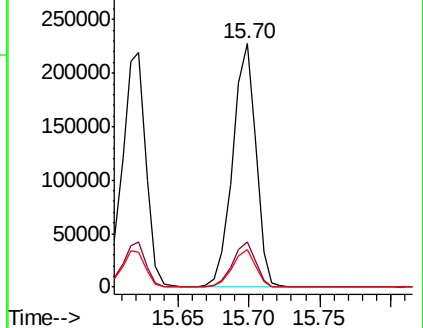
179 15.5 11.8 17.8

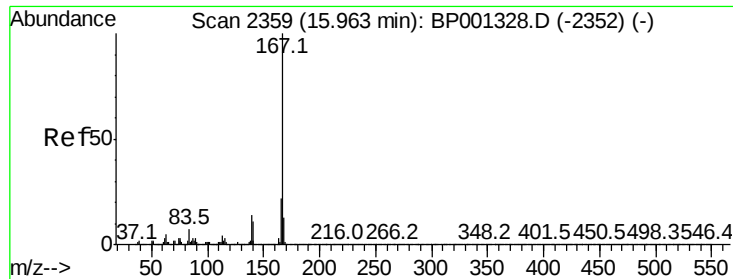


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 35.831 ng

RT: 15.95 min Scan# 2356

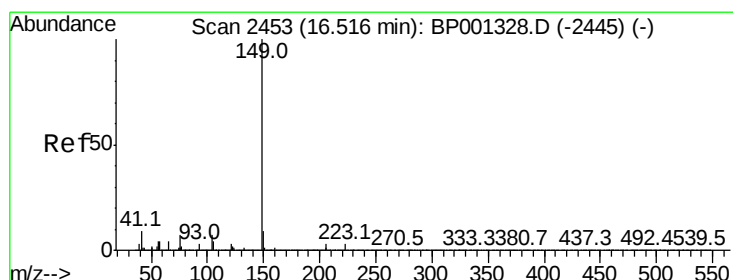
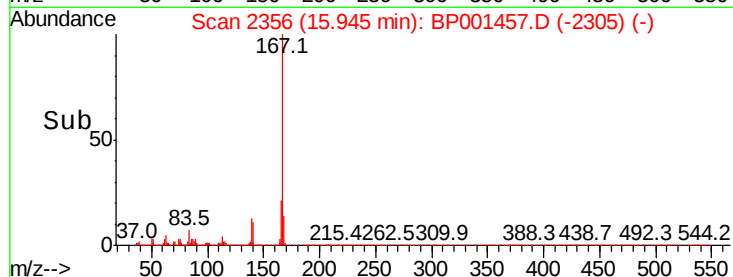
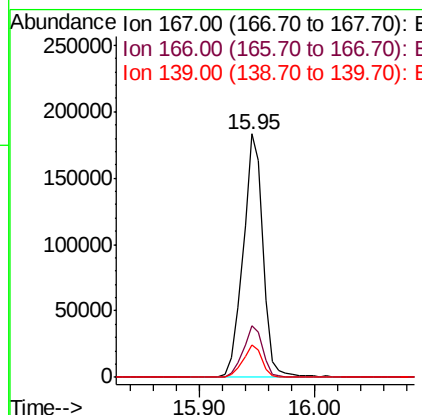
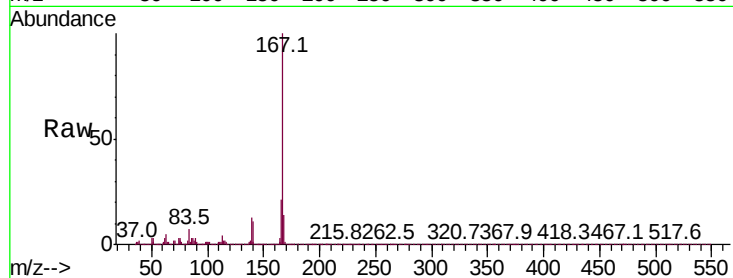
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :
BNA_P
ClientSampleId :
PB125724BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.2
139	13.2	10.9	16.3



#74

Di-n-butylphthalate

Concen: 35.529 ng

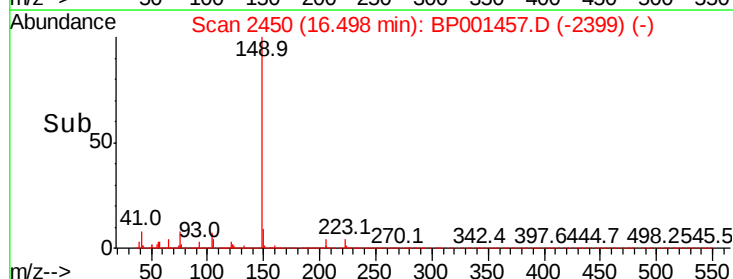
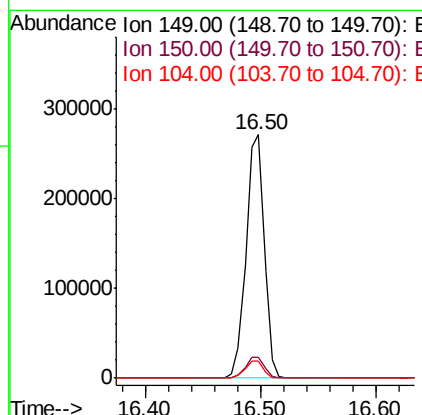
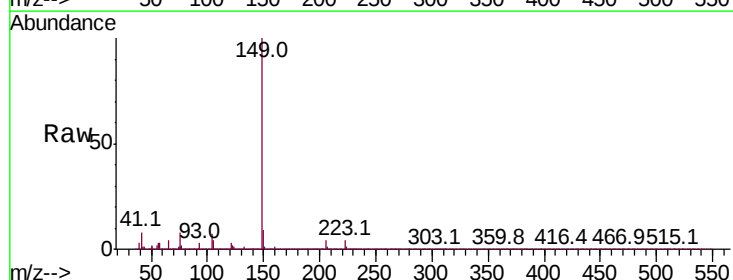
RT: 16.50 min Scan# 2450

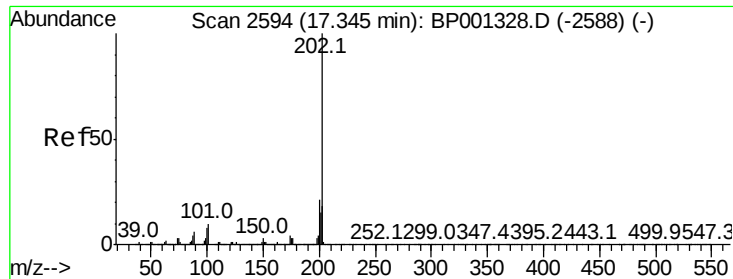
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.0	10.6
104	7.0	5.2	7.8





#75

Fluoranthene

Concen: 37.774 ng

RT: 17.33 min Scan# 2592

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

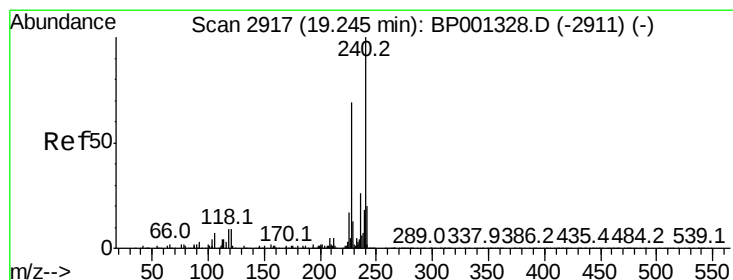
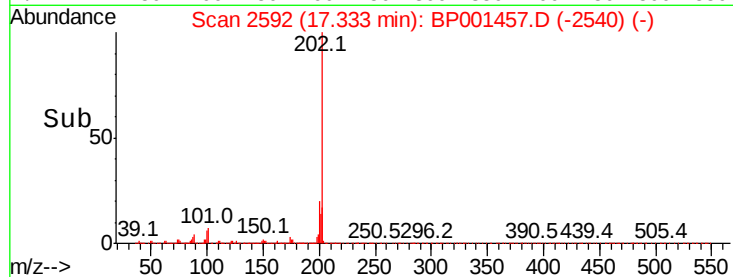
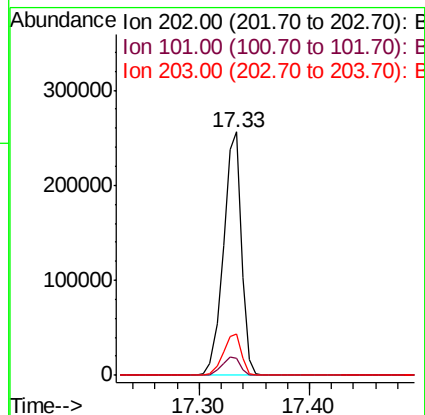
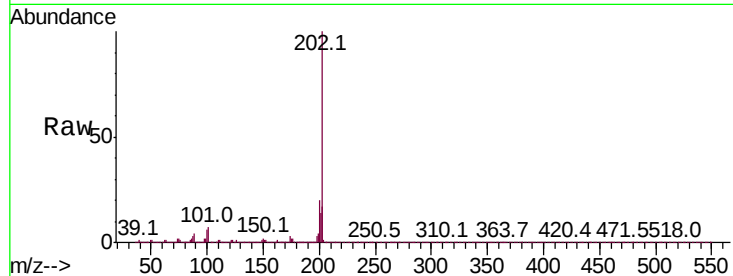
Instrument :

BNA_P

ClientSampleId :

PB125724BS

Tot Ion:	202	Resp:	290628
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	28.7
203	16.8	0.0	37.4



#76

Chrysene-d12

Concen: 20.000 ng

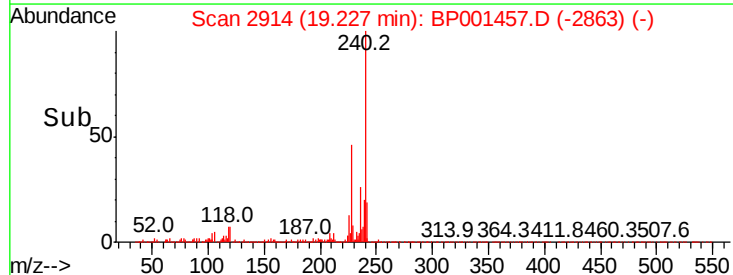
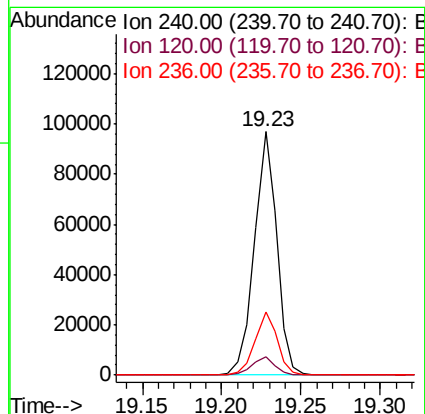
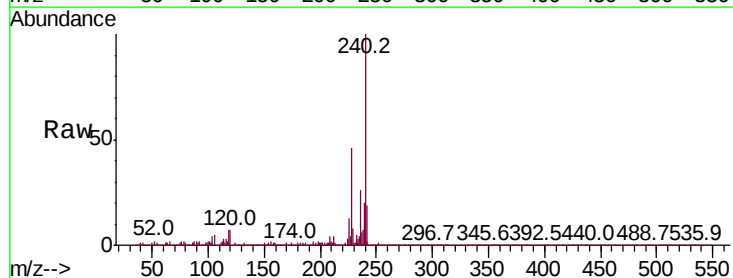
RT: 19.23 min Scan# 2914

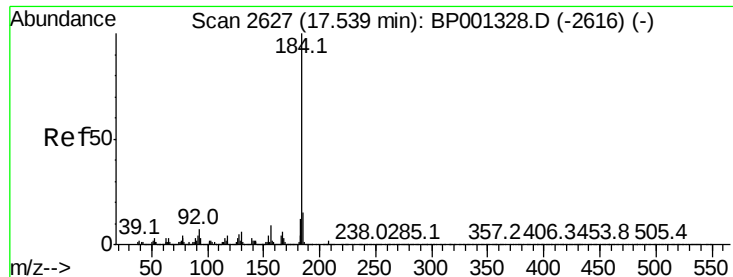
Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:	240	Resp:	95636
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.2	9.2
236	25.8	20.2	30.2





#77

Benzidine

Concen: 13.615 ng

RT: 17.52 min Scan# 2624

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

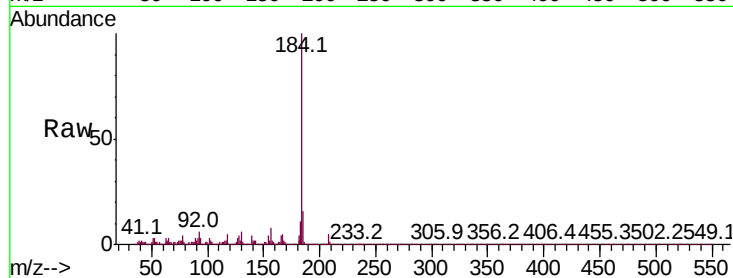
Tot Ion:184 Resp: 37909

Ion Ratio Lower Upper

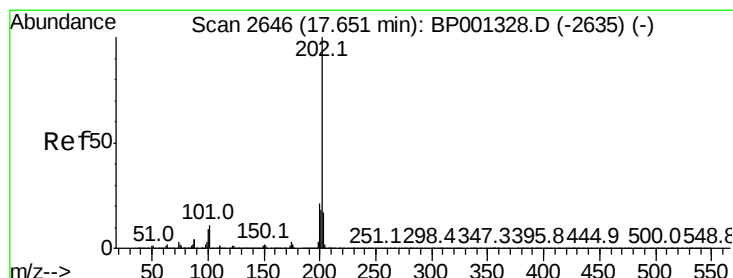
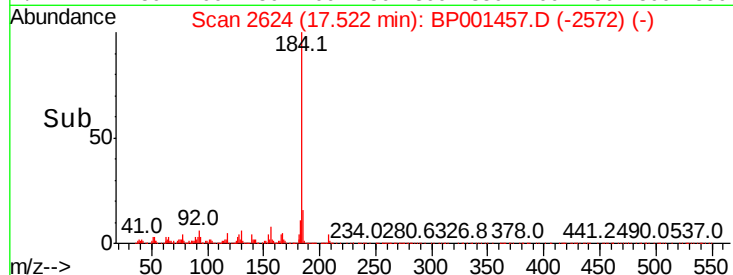
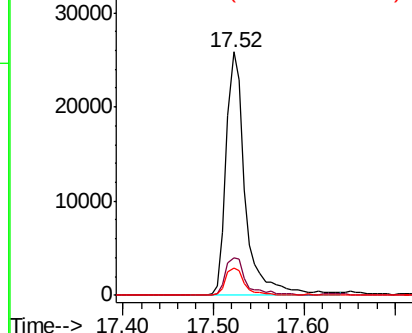
184 100

185 15.6 11.8 17.8

183 11.2 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.980 ng

RT: 17.64 min Scan# 2644

Delta R.T. 0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

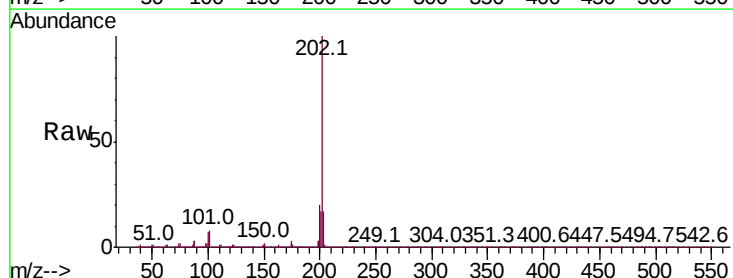
Tgt Ion:202 Resp: 289445

Ion Ratio Lower Upper

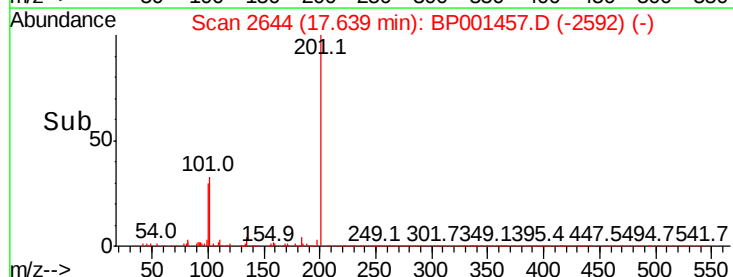
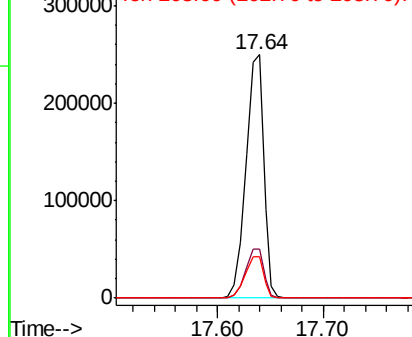
202 100

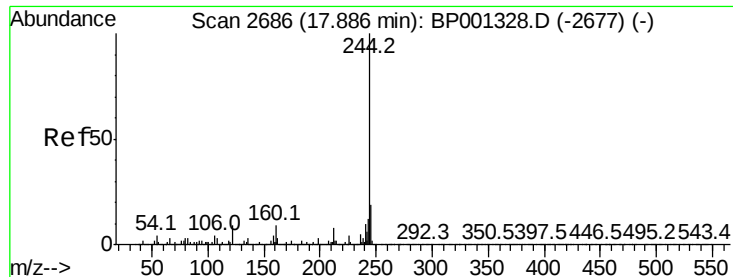
200 20.1 16.6 25.0

203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.993 ng

RT: 17.87 min Scan# 2683

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

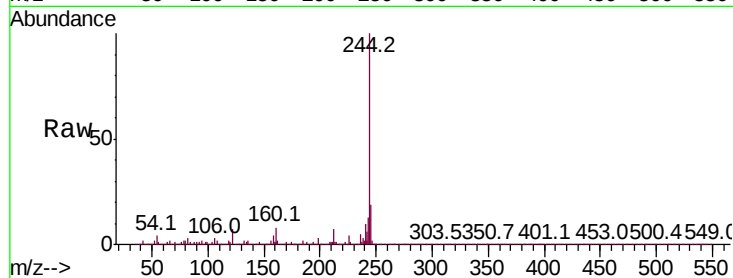
BNA_P

ClientSampleId :

PB125724BS

Tot Ion:244 Resp: 452243

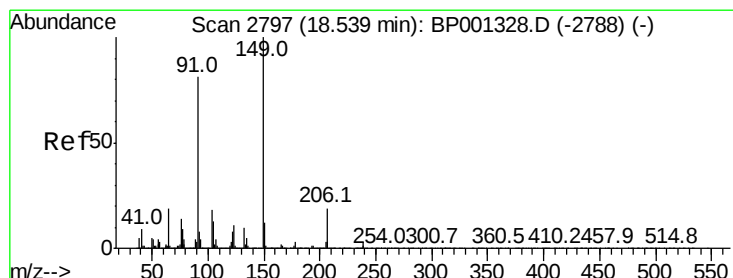
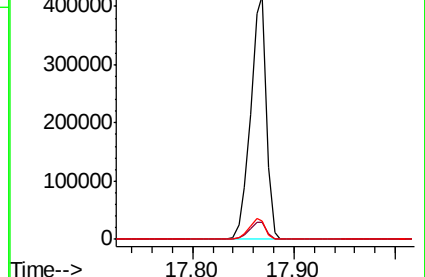
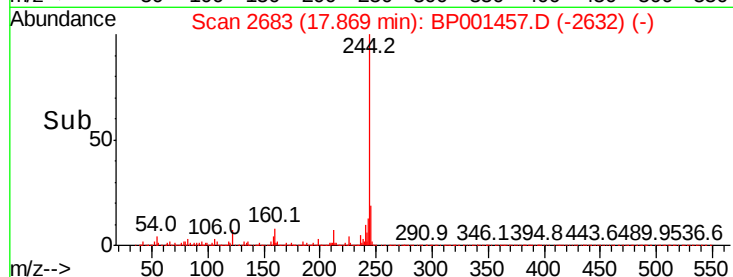
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	7.3	6.4	9.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 34.660 ng

RT: 18.52 min Scan# 2793

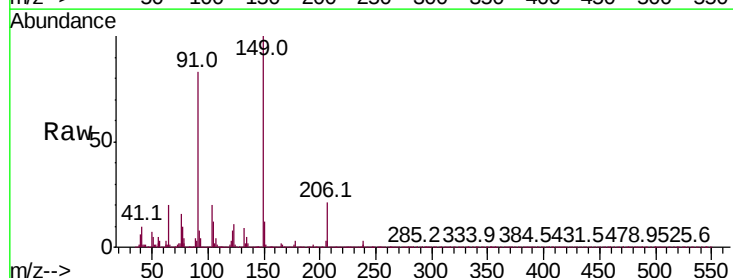
Delta R.T. -0.01 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:149 Resp: 119987

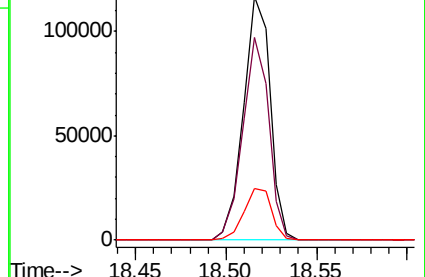
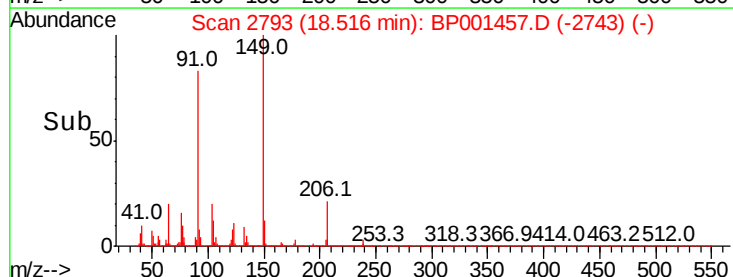
Ion	Ratio	Lower	Upper
149	100		
91	83.4	59.8	89.6
206	21.1	18.3	27.5

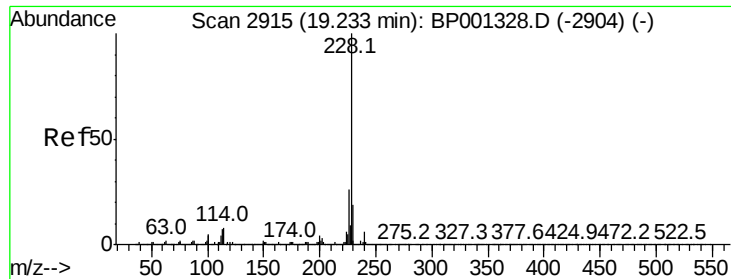


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

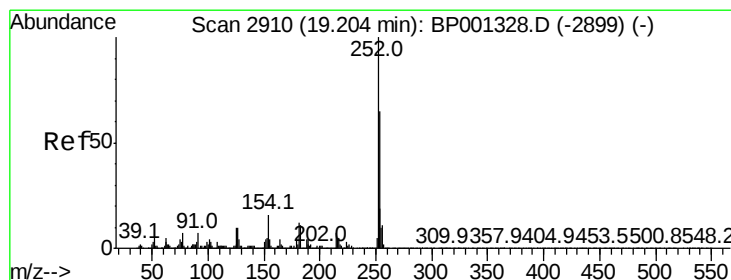
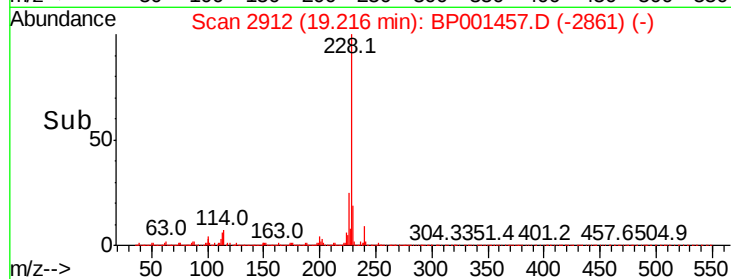
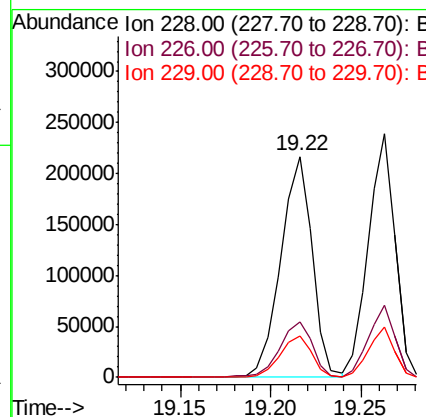
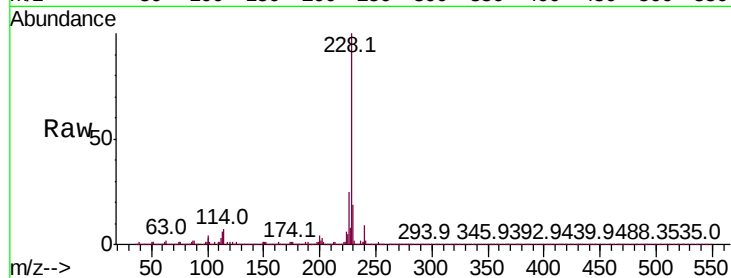




#81
Benzo(a)anthracene
Concen: 37.527 ng
RT: 19.22 min Scan# 2912
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

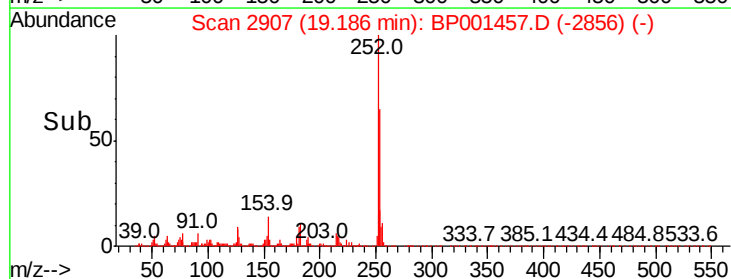
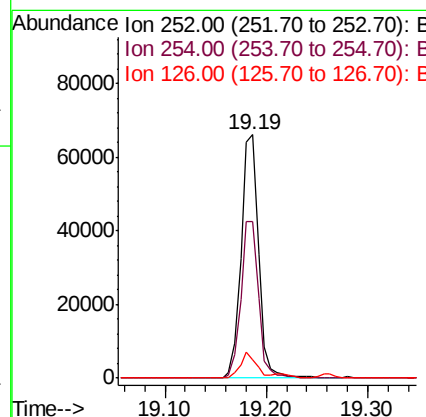
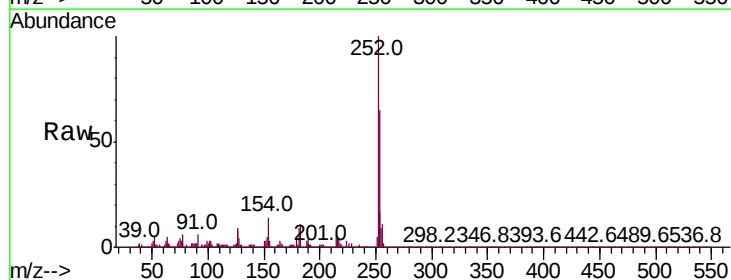
Instrument :
BNA_P
ClientSampleId :
PB125724BS

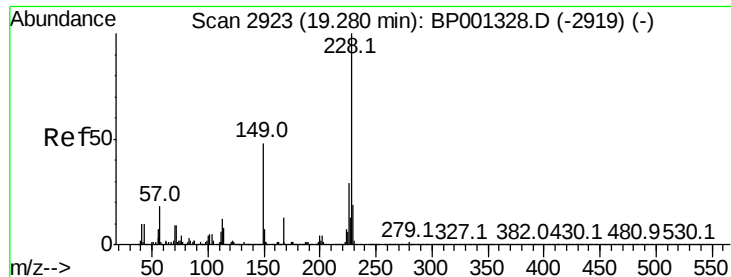
Tot Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.4	32.2
229	18.8	15.7	23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.646 ng
RT: 19.19 min Scan# 2907
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.3	78.5
126	7.6	7.3	10.9





#83

Chrysene

Concen: 36.675 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

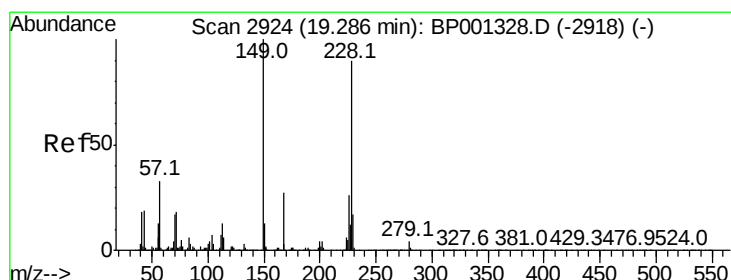
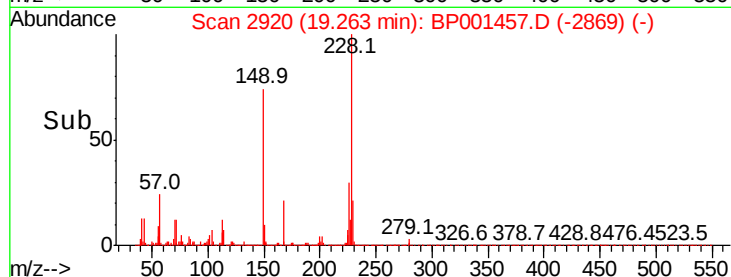
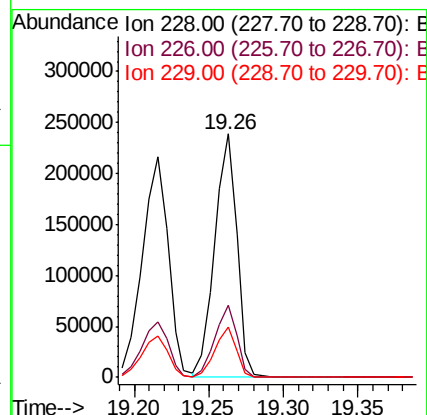
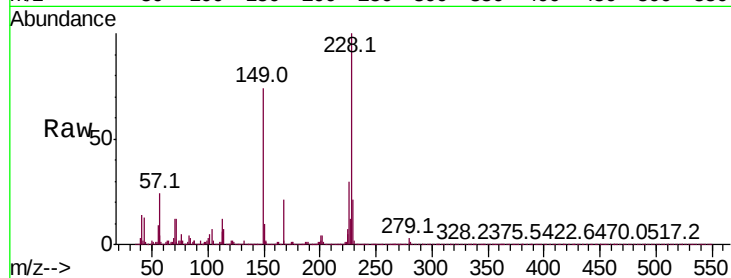
Tot Ion:228 Resp: 246694

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 20.7 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.033 ng

RT: 19.26 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

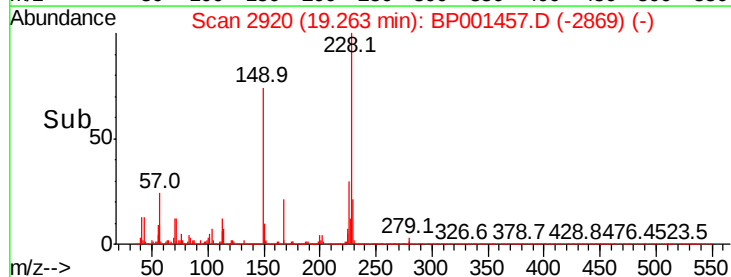
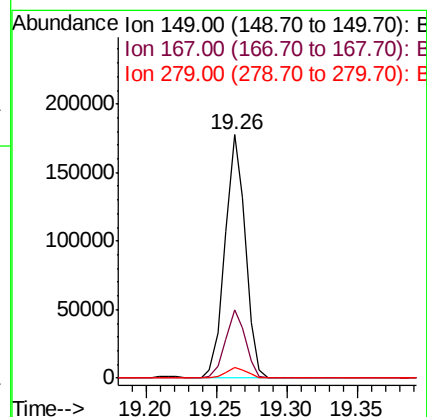
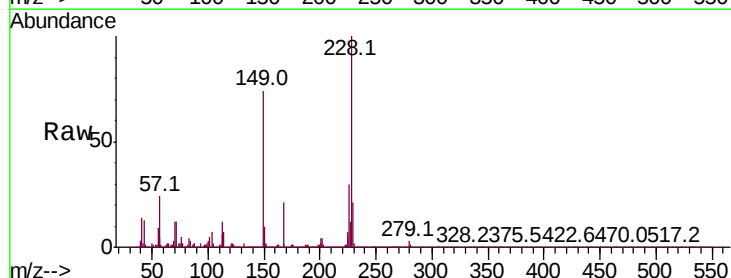
Tgt Ion:149 Resp: 177962

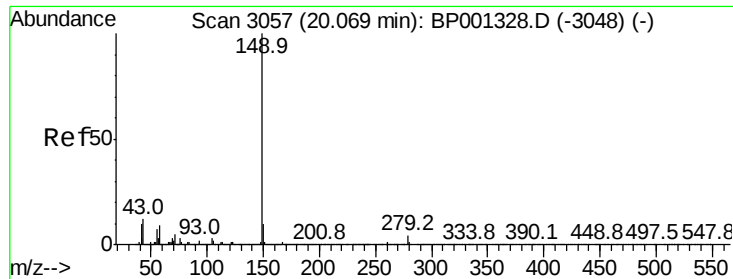
Ion Ratio Lower Upper

149 100

167 27.9 21.4 32.0

279 4.2 3.2 4.8

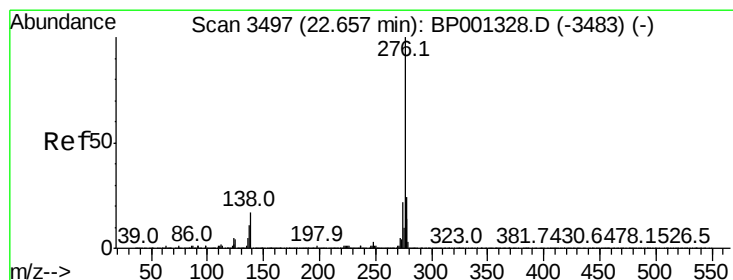
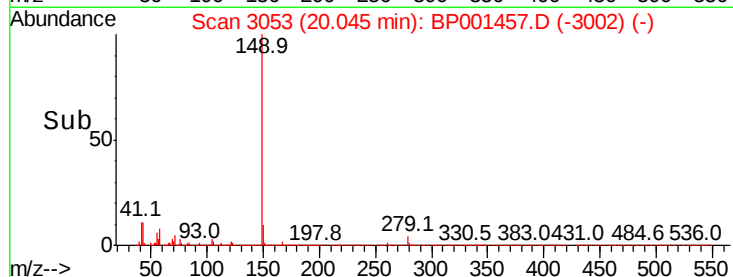
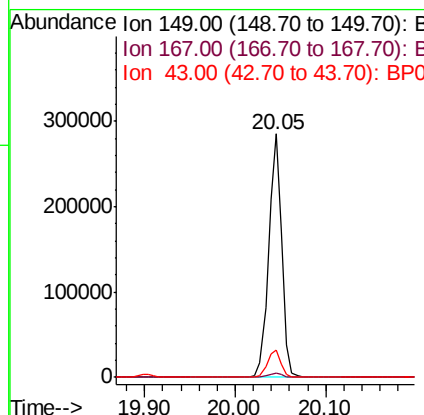
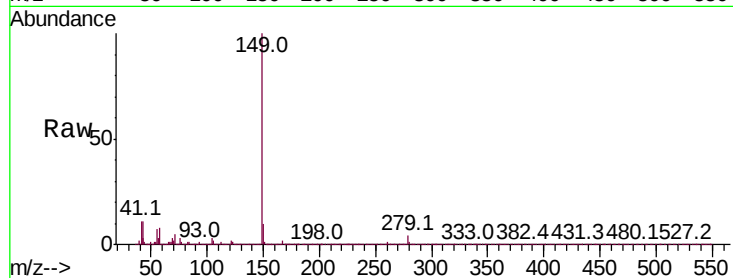




#85
Di-n-octyl phthalate
Concen: 34.116 ng
RT: 20.05 min Scan# 3053
Delta R.T. -0.00 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

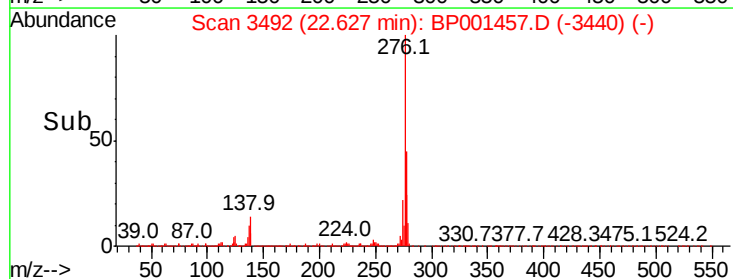
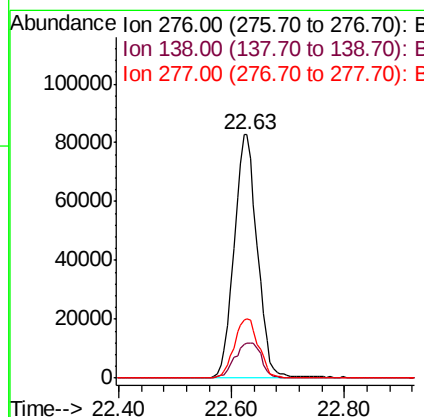
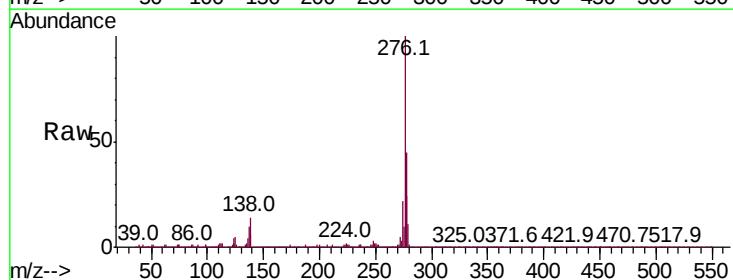
Instrument :
BNA_P
ClientSampleId :
PB125724BS

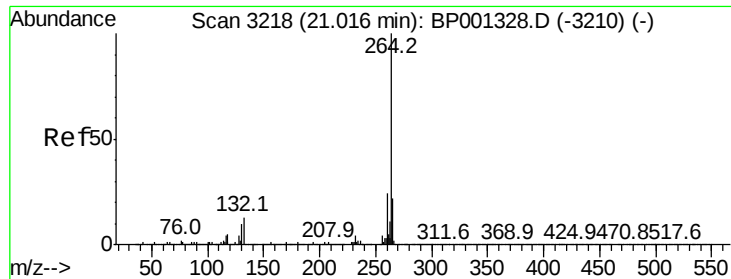
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	11.6	8.6	13.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 32.786 ng
RT: 22.63 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	12.8	19.2
277	25.4	19.9	29.9





#87

Pervlene-d12

Concen: 20.000 ng

RT: 20.99 min Scan# 3214

Delta R.T. -0.00 min

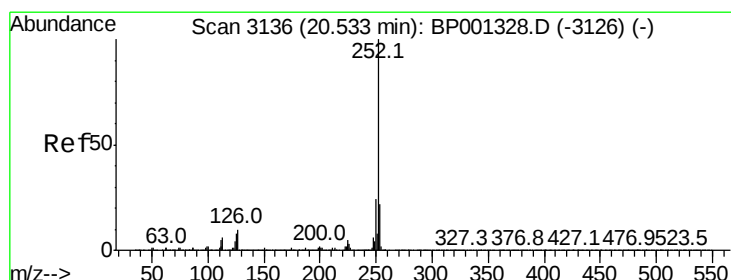
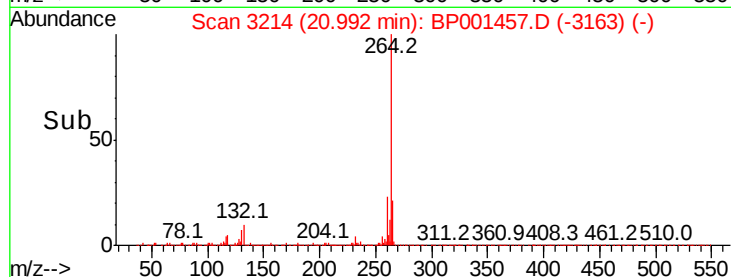
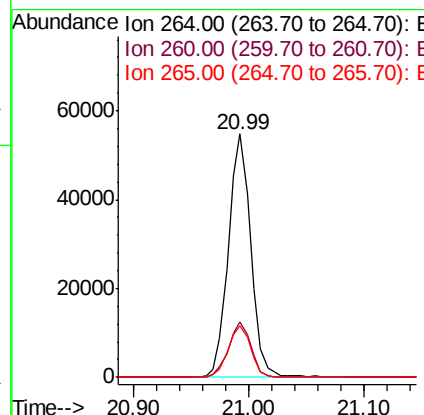
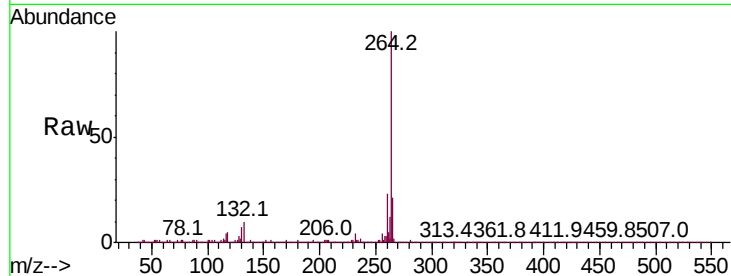
Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :
BNA_P
ClientSampleId :
PB125724BS

Tot Ion:264 Resp: 73769

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.0	17.0	25.4



#88

Benzo(b)fluoranthene

Concen: 46.489 ng

RT: 20.52 min Scan# 3133

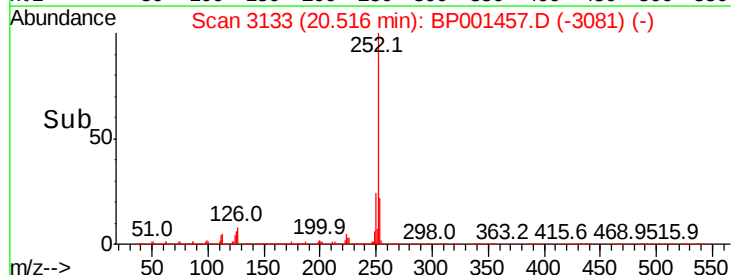
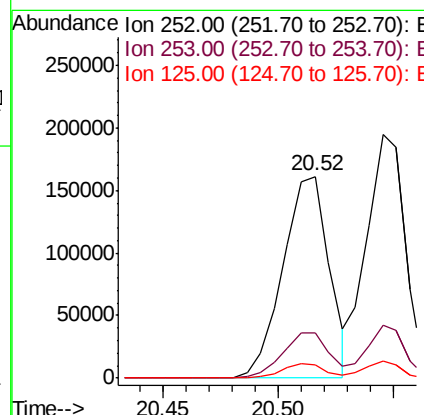
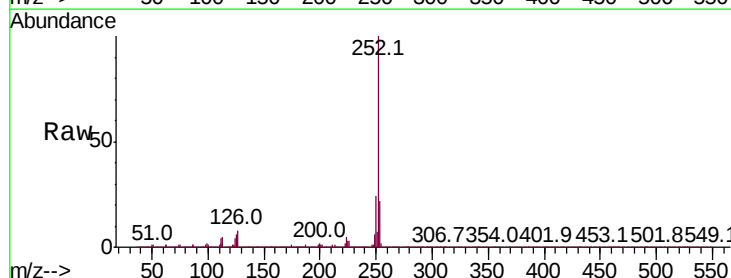
Delta R.T. 0.01 min

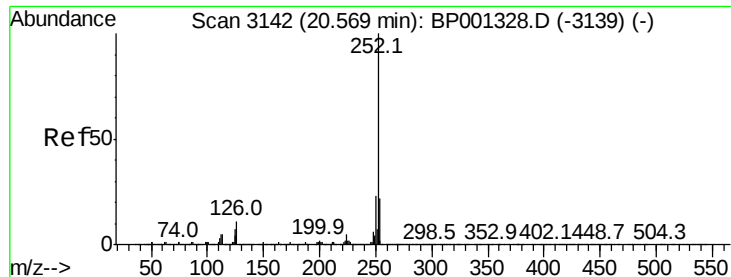
Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Tgt Ion:252 Resp: 225224

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	6.4	5.6	8.4

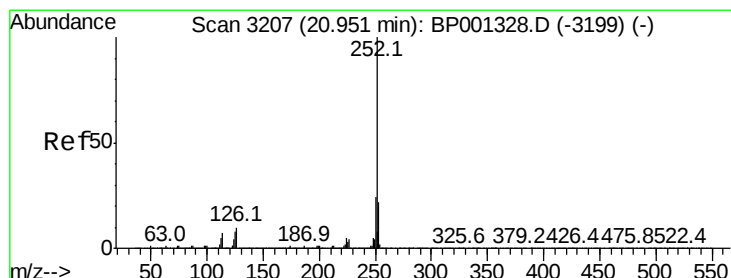
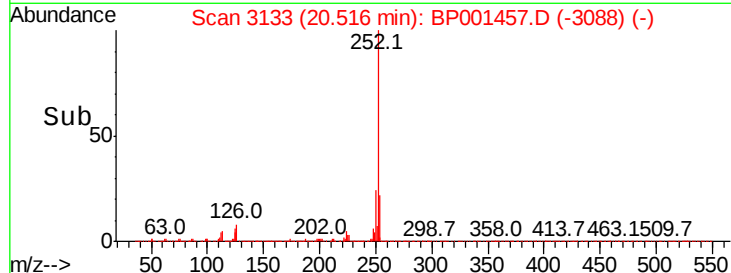
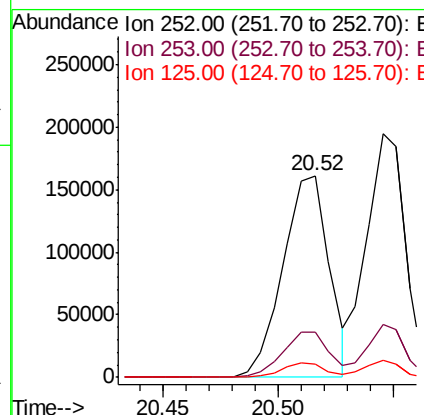
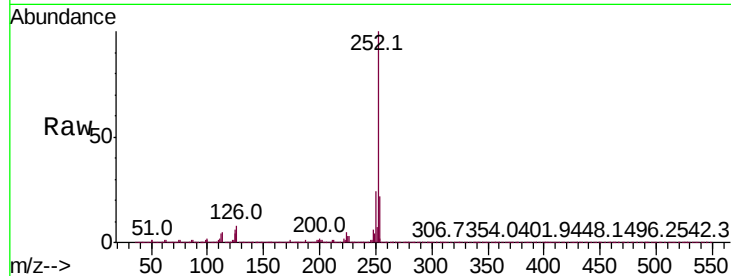




#89
Benzo(k)fluoranthene
Concen: 48.803 ng
RT: 20.52 min Scan# 3133
Delta R.T. -0.04 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

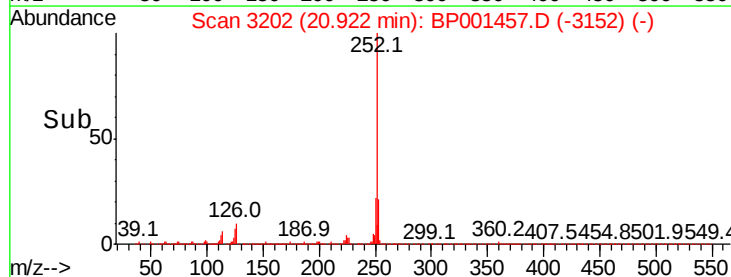
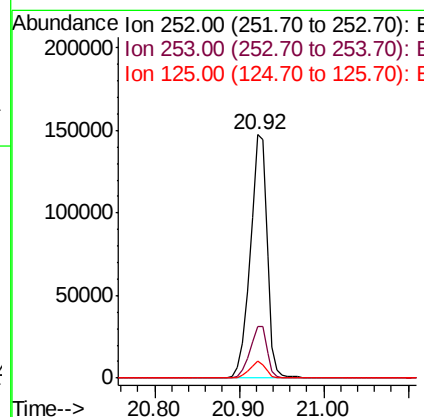
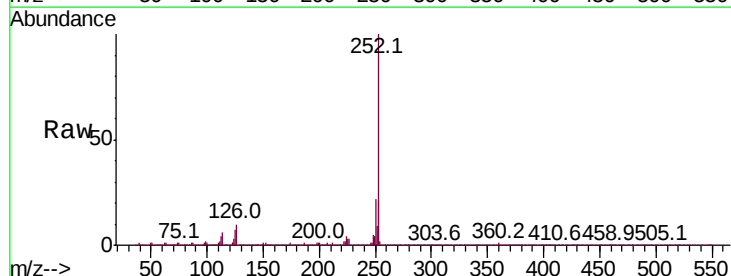
Instrument :
BNA_P
ClientSampleId :
PB125724BS

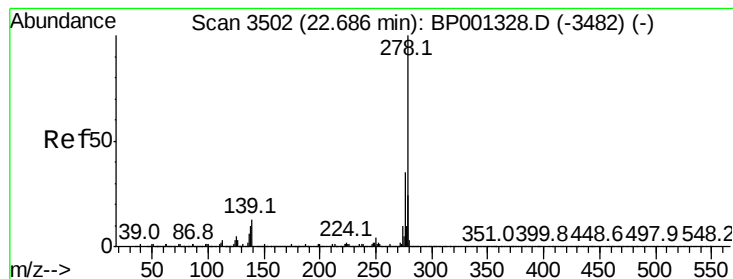
Tot Ion:252 Resp: 225224
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 6.4 4.5 6.7



#90
Benzo(a)pyrene
Concen: 46.075 ng
RT: 20.92 min Scan# 3202
Delta R.T. -0.01 min
Lab File: BP001457.D
Acq: 27 Dec 2019 14:43

Tgt Ion:252 Resp: 203346
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 7.1 5.2 7.8





#91

Dibenzo(a,h)anthracene

Concen: 47.400 ng

RT: 22.64 min Scan# 3495

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

Instrument :

BNA_P

ClientSampleId :

PB125724BS

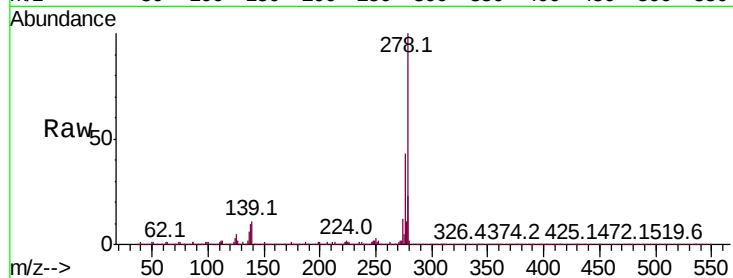
Tot Ion:278 Resp: 204534

Ion Ratio Lower Upper

278 100

139 10.7 8.3 12.5

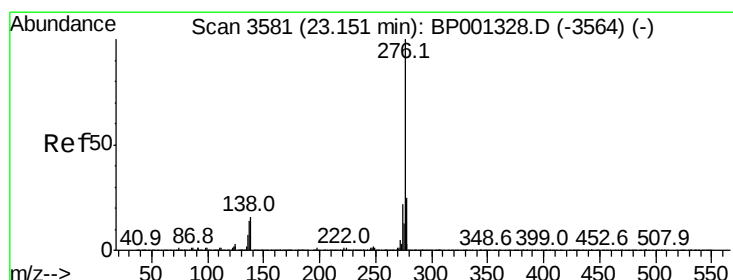
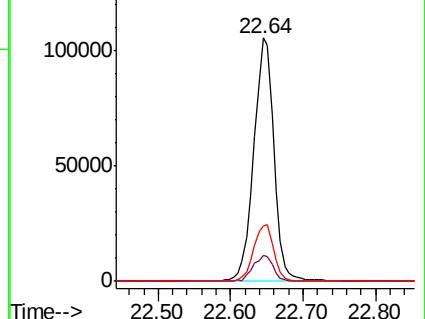
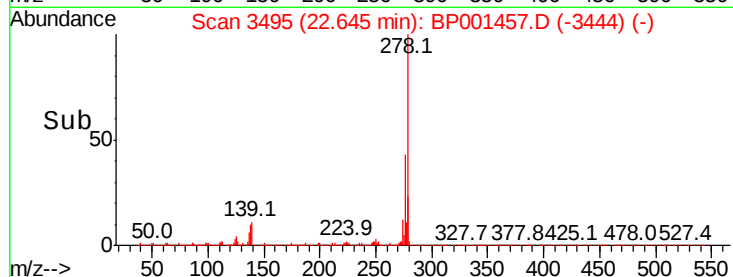
279 22.8 19.1 28.7



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: 45.888 ng

RT: 23.11 min Scan# 3574

Delta R.T. -0.00 min

Lab File: BP001457.D

Acq: 27 Dec 2019 14:43

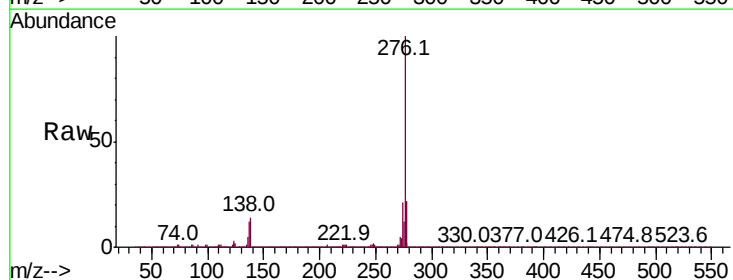
Tgt Ion:276 Resp: 189212

Ion Ratio Lower Upper

276 100

277 21.8 18.6 27.8

138 13.5 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

