

Data File : BP001558.D
Acq On : 08 Jan 2020 18:37
Operator : JU
Sample : PB125875BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125875BS

Quant Time: Jan 09 04:15:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 08 15:02:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	28772	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	122299	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	102269	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	274198	20.00	ng	0.00
76) Chrysene-d12	21.17	240	257264	20.00	ng	0.00
87) Perylene-d12	23.41	264	225837	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	187742	127.82	ng	0.00
7) Phenol-d6	6.86	99	273333	116.44	ng	0.00
23) Nitrobenzene-d5	8.81	82	208033	74.33	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	174201	111.90	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	527301	75.81	ng	0.00
79) Terphenyl-d14	19.65	244	1099654	78.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	15981	34.093	ng	94
3) Pyridine	3.63	79	46131	27.235	ng	92
4) n-Nitrosodimethylamine	3.55	42	46291	38.560	ng	# 98
6) Aniline	7.00	93	91112	31.042	ng	98
8) 2-Chlorophenol	7.23	128	78266	45.642	ng	96
9) Benzaldehyde	6.81	77	52745	37.618	ng	98
10) Phenol	6.89	94	106861	44.007	ng	97
11) bis(2-Chloroethyl)ether	7.10	93	75423	39.604	ng	97
12) 1,3-Dichlorobenzene	7.55	146	84780	39.333	ng	95
13) 1,4-Dichlorobenzene	7.69	146	86838	38.961	ng	95
14) 1,2-Dichlorobenzene	8.01	146	85903	39.883	ng	98
15) Benzyl Alcohol	7.90	79	90224	40.813	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	132067	37.329	ng	98
17) 2-Methylphenol	8.12	107	73049	43.328	ng	99
18) Hexachloroethane	8.73	117	34778	39.970	ng	96
19) n-Nitroso-di-n-propylamine	8.48	70	68980	38.544	ng	98
20) 3+4-Methylphenols	8.45	107	98502	41.769	ng	98
22) Acetophenone	8.48	105	127213	37.106	ng	# 98
24) Nitrobenzene	8.85	77	110336	38.968	ng	97
25) Isophorone	9.39	82	190307	37.918	ng	99
26) 2-Nitrophenol	9.56	139	44050	41.167	ng	97
27) 2,4-Dimethylphenol	9.63	122	79795	49.916	ng	95
28) bis(2-Chloroethoxy)methane	9.86	93	107611	36.601	ng	99
29) 2,4-Dichlorophenol	10.09	162	92127	42.103	ng	98
30) 1,2,4-Trichlorobenzene	10.30	180	102034	38.627	ng	95
31) Naphthalene	10.49	128	254730	39.465	ng	100
32) Benzoic acid	9.80	122	54028	38.577	ng	95
33) 4-Chloroaniline	10.60	127	67080	22.572	ng	97
34) Hexachlorobutadiene	10.79	225	71646	38.315	ng	94
35) Caprolactam	11.40	113	13586	17.098	ng	94
36) 4-Chloro-3-methylphenol	11.75	107	104534	39.807	ng	100
37) 2-Methylnaphthalene	12.10	142	203435	39.548	ng	98
38) 1-Methylnaphthalene	12.33	142	193849	39.160	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	133457	38.095	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	161973	91.147	ng	97
43) 2,4,6-Trichlorophenol	12.73	196	91571	40.529	ng	97
44) 2,4,5-Trichlorophenol	12.80	196	102368	42.637	ng	98
46) 1,1'-Biphenyl	13.13	154	286443	39.087	ng	98
47) 2-Chloronaphthalene	13.17	162	230620	37.864	ng	98
48) 2-Nitroaniline	13.37	65	89221	37.285	ng	98
49) Acenaphthylene	14.02	152	377268	40.163	ng	99
50) Dimethylphthalate	13.78	163	317464	37.689	ng	98
51) 2,6-Dinitrotoluene	13.88	165	70235	39.320	ng	97
52) Acenaphthene	14.37	154	220679	37.933	ng	100
53) 3-Nitroaniline	14.21	138	44113	23.390	ng	97
54) 2,4-Dinitrophenol	14.42	184	84132	83.767	ng	90
55) Dibenzofuran	14.71	168	386738	39.311	ng	99
56) 4-Nitrophenol	14.55	139	126581	84.051	ng	96
57) 2,4-Dinitrotoluene	14.68	165	101857	38.972	ng	96
58) Fluorene	15.36	166	311189	39.091	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	101552	40.961	ng	99
60) Diethylphthalate	15.16	149	327127	37.759	ng	99
61) 4-Chlorophenyl-phenylether	15.37	204	176233	38.681	ng	99
62) 4-Nitroaniline	15.39	138	72253	33.602	ng	98
63) Azobenzene	15.66	77	347795	40.177	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	64436	43.466	ng	96
66) n-Nitrosodiphenylamine	15.58	169	284046	39.103	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	117802	38.083	ng	99
68) Hexachlorobenzene	16.37	284	132128	36.764	ng	99
69) Atrazine	16.55	200	126393	47.376	ng	99
70) Pentachlorophenol	16.72	266	171197	86.256	ng	99
71) Phenanthrene	17.11	178	570390	38.251	ng	100
72) Anthracene	17.20	178	577585	39.788	ng	99
73) Carbazole	17.47	167	523339	38.399	ng	100
74) Di-n-butylphthalate	18.06	149	609072	37.774	ng	99
75) Fluoranthene	19.09	202	755253	38.492	ng	98
77) Benzidine	19.27	184	308561	52.528	ng	97
78) Pyrene	19.44	202	749050	39.636	ng	99
80) Butylbenzylphthalate	20.34	149	276475	38.492	ng	99
81) Benzo(a)anthracene	21.15	228	685195	38.243	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	234535	34.908	ng	97
83) Chrysene	21.21	228	664873	38.078	ng	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	381846	38.780	ng	100
85) Di-n-octyl phthalate	22.00	149	597777	38.075	ng	99
86) Indeno(1,2,3-cd)pyrene	25.69	276	649761	31.790	ng	100
88) Benzo(b)fluoranthene	22.74	252	639568	44.942	ng	99
89) Benzo(k)fluoranthene	22.79	252	614639	44.297	ng	99
90) Benzo(a)pyrene	23.32	252	569839	42.173	ng	97
91) Dibenzo(a,h)anthracene	25.72	278	559152	40.108	ng	97
92) Benzo(g,h,i)perylene	26.40	276	551580	39.799	ng	97

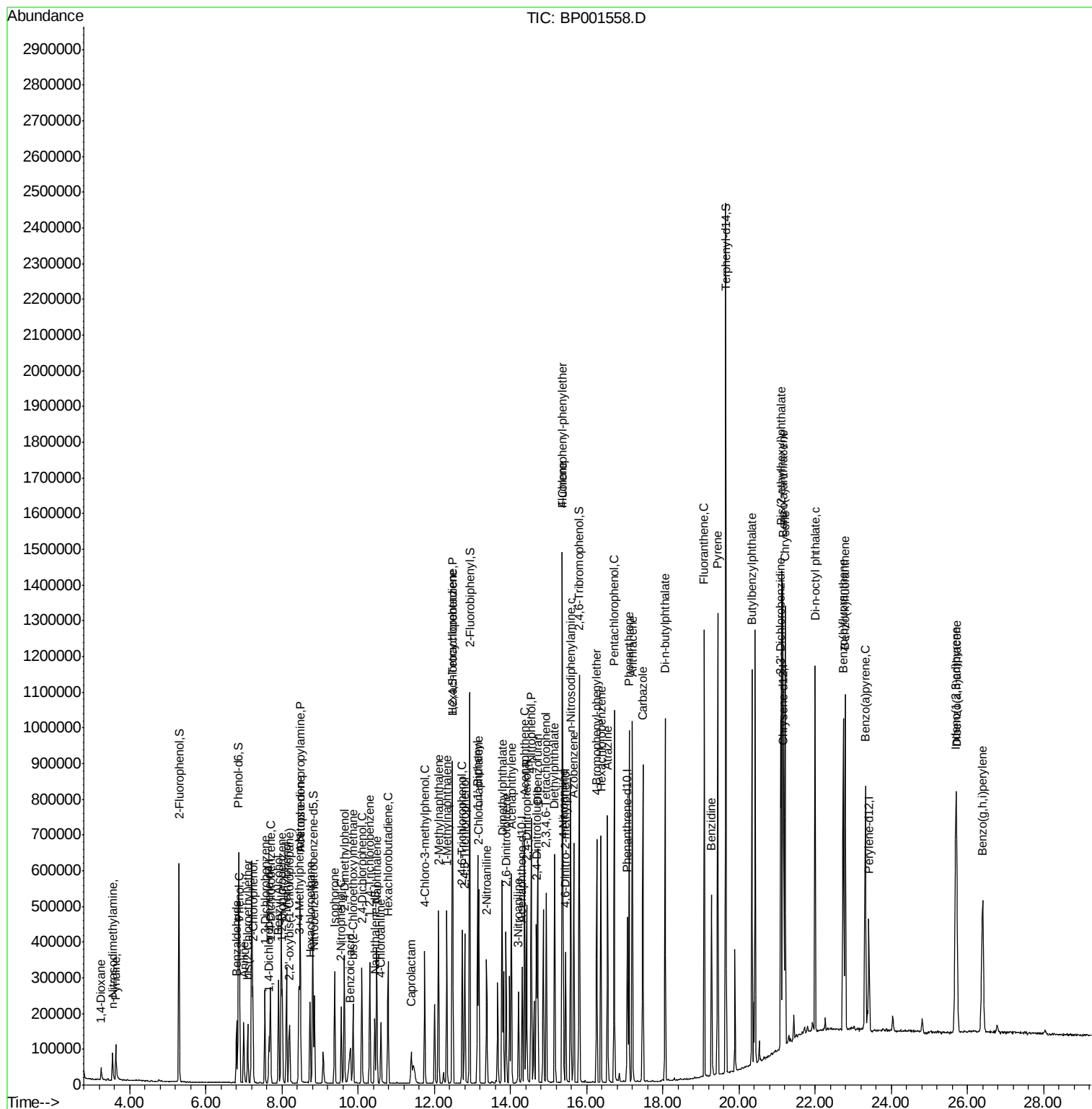
(#) = qualifier out of range (m) = manual integration (+) = signals summed

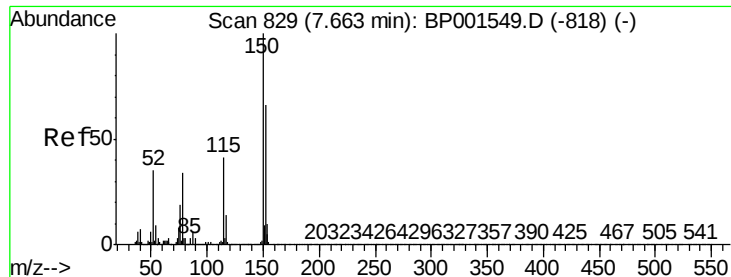
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 828

Delta R.T. -0.01 min

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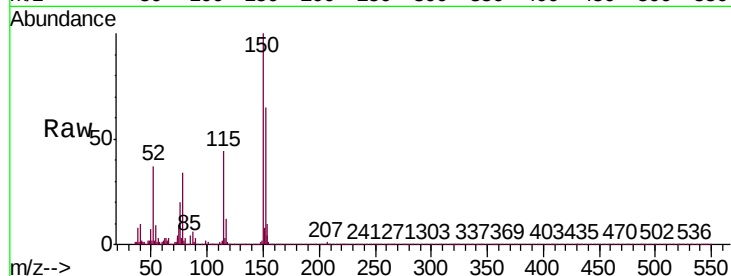
Tgt Ion:152 Resp: 28772

Ion Ratio Lower Upper

152 100

150 152.9 122.0 183.0

115 67.0 50.7 76.1

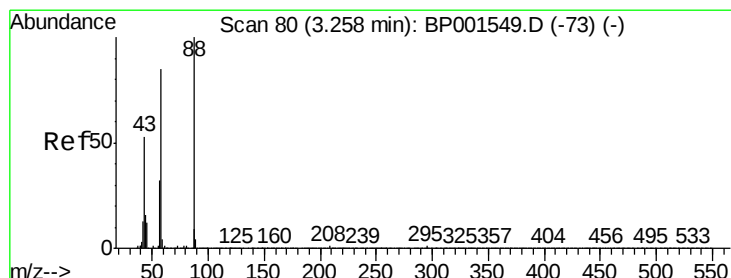
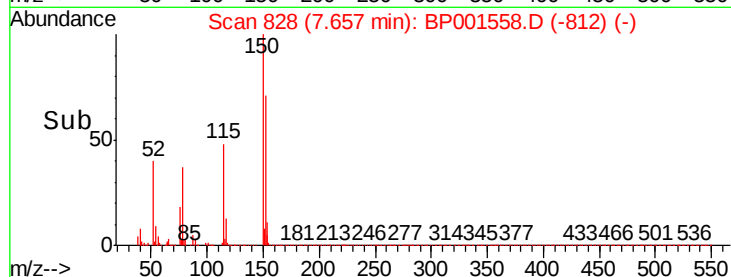
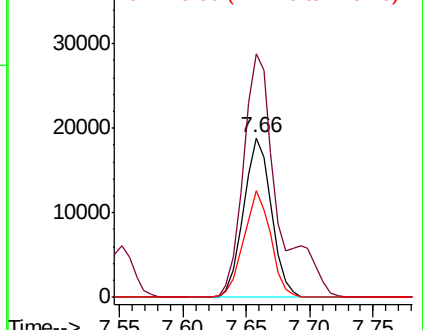


Abundance

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: 34.093 ng

RT: 3.25 min Scan# 79

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

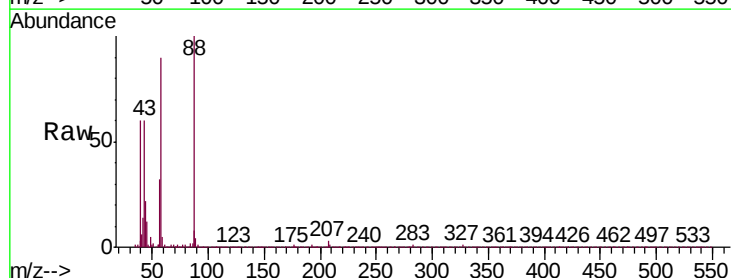
Tgt Ion: 88 Resp: 15981

Ion Ratio Lower Upper

88 100

58 91.8 69.5 104.3

43 55.1 40.3 60.5

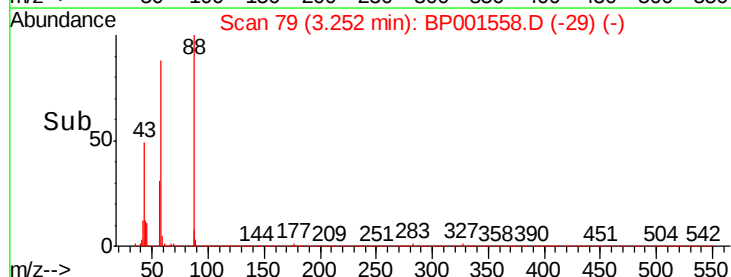
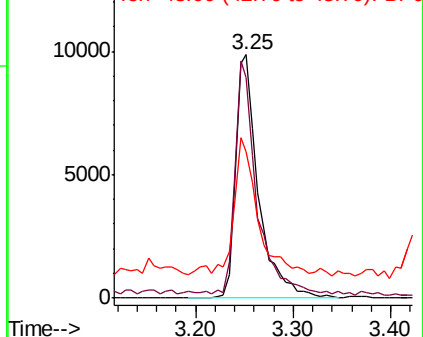


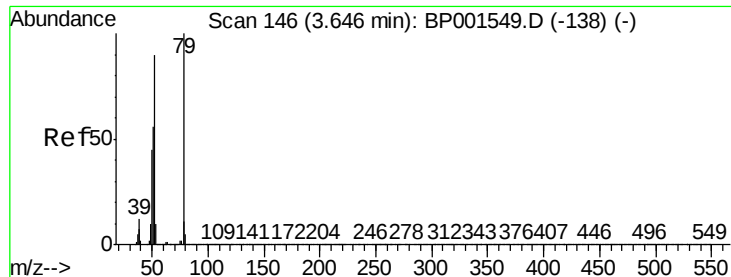
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pyridine

Concen: 27.235 ng

RT: 3.63 min Scan# 144

Delta R.T. -0.01 min

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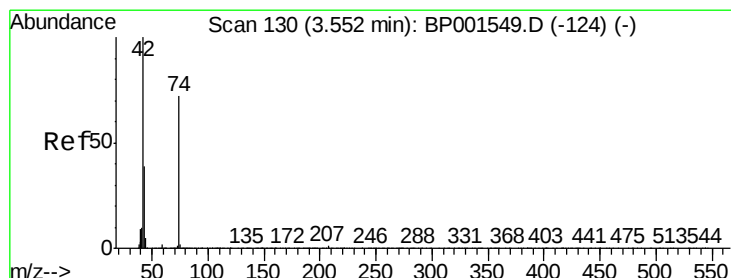
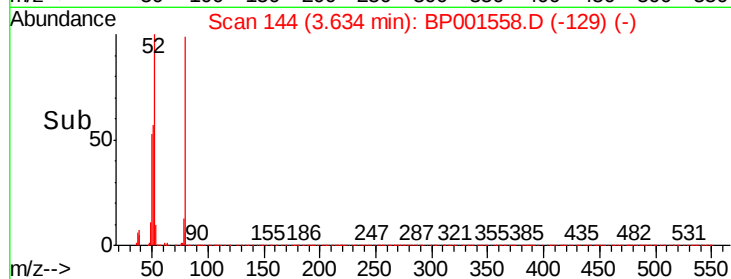
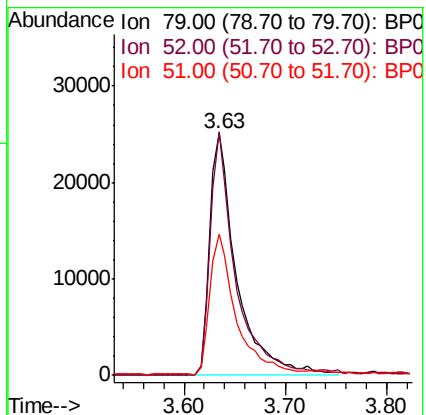
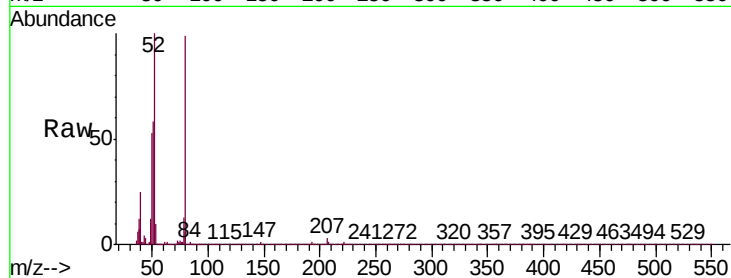
Tgt Ion: 79 Resp: 46131

Ion Ratio Lower Upper

79 100

52 100.7 72.1 108.1

51 58.4 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 38.560 ng

RT: 3.55 min Scan# 129

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

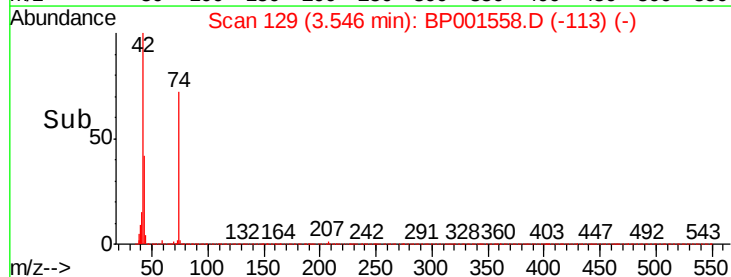
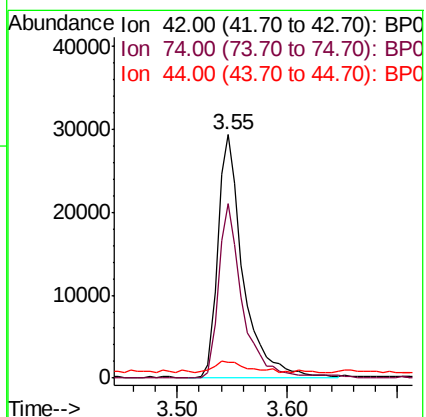
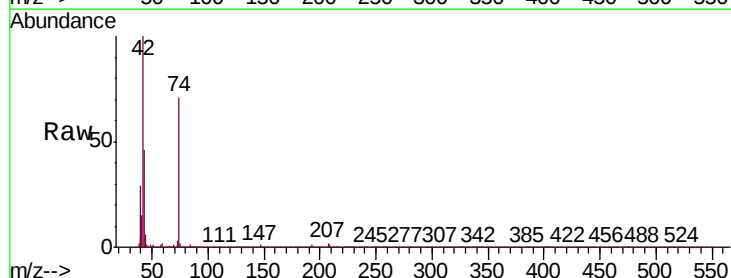
Tgt Ion: 42 Resp: 46291

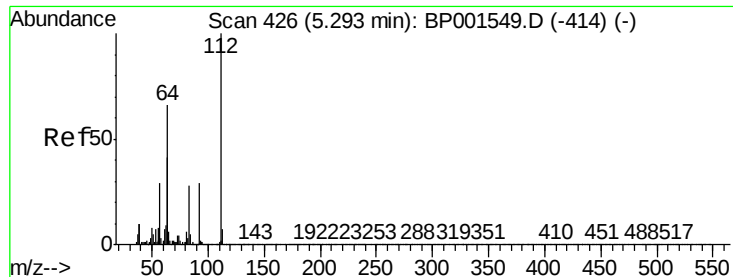
Ion Ratio Lower Upper

42 100

74 71.5 58.0 87.0

44 6.5 6.7 10.1#





#5

2-Fluorophenol

Concen: 127.821 ng

RT: 5.29 min Scan# 426

Delta R.T. -0.00 min

Lab File: BP001558.D

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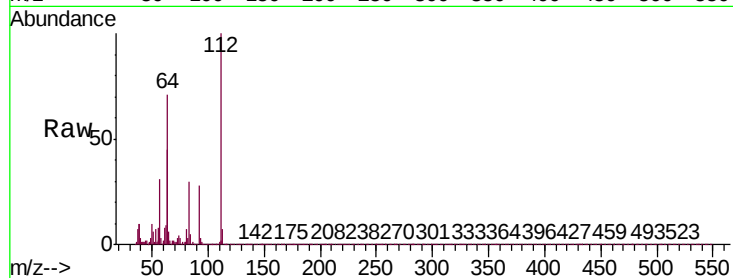
Tgt Ion: 112 Resp: 187742

Ion Ratio Lower Upper

112 100

64 70.6 52.8 79.2

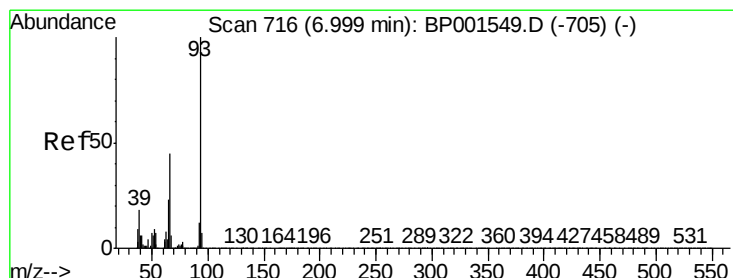
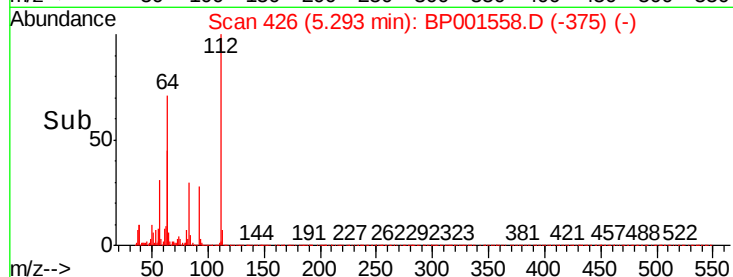
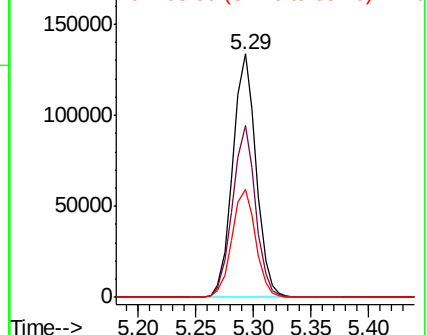
63 44.6 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 31.042 ng

RT: 7.00 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

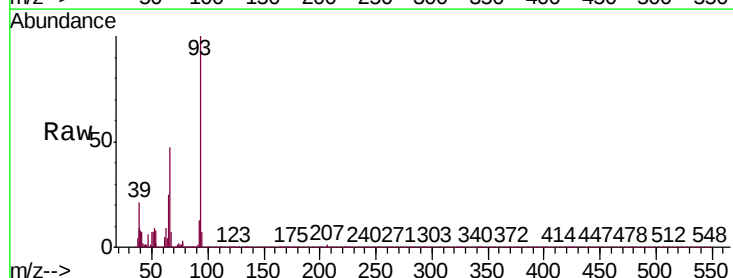
Tgt Ion: 93 Resp: 91112

Ion Ratio Lower Upper

93 100

66 46.7 36.4 54.6

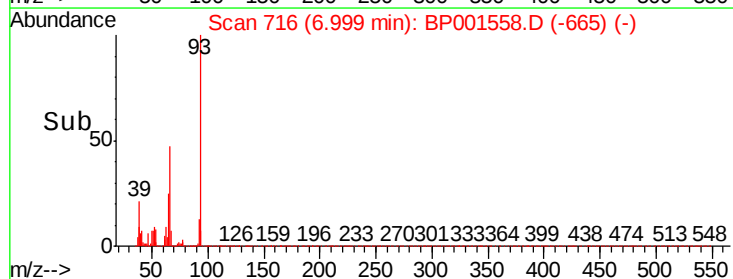
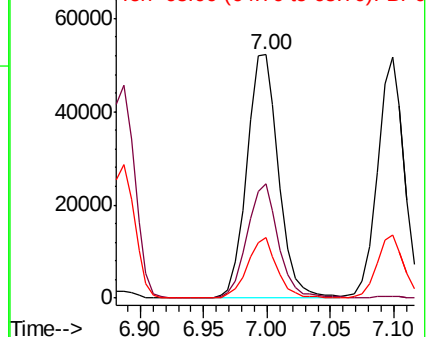
65 24.7 18.5 27.7

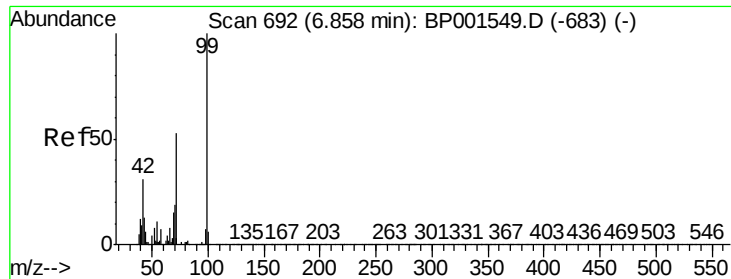


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 116.441 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

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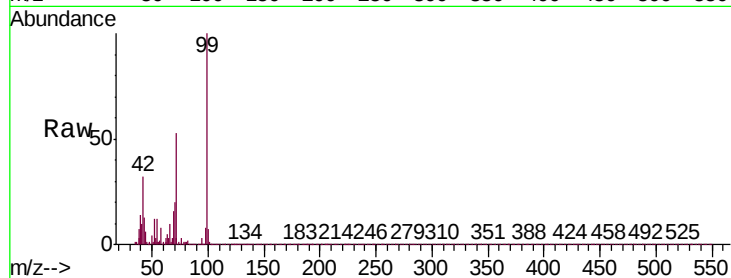
Tgt Ion: 99 Resp: 273333

Ion Ratio Lower Upper

99 100

42 32.1 24.5 36.7

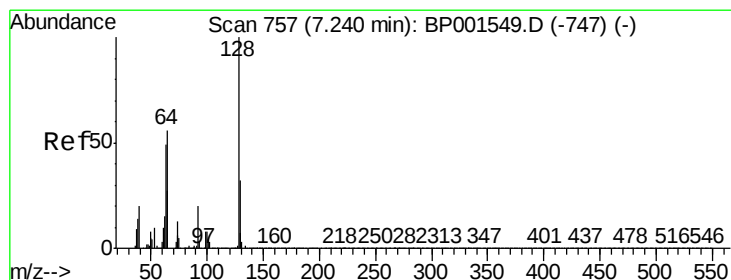
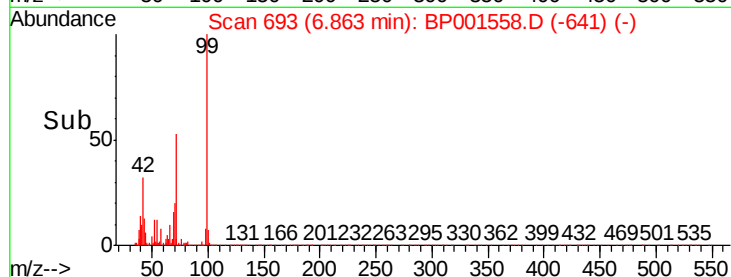
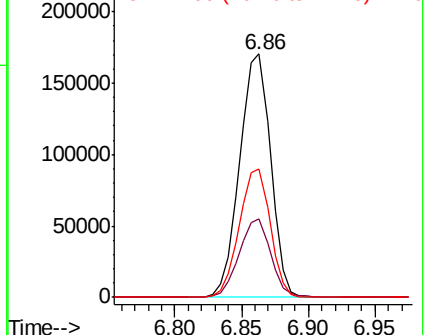
71 53.0 42.4 63.6



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: 45.642 ng

RT: 7.23 min Scan# 756

Delta R.T. -0.01 min

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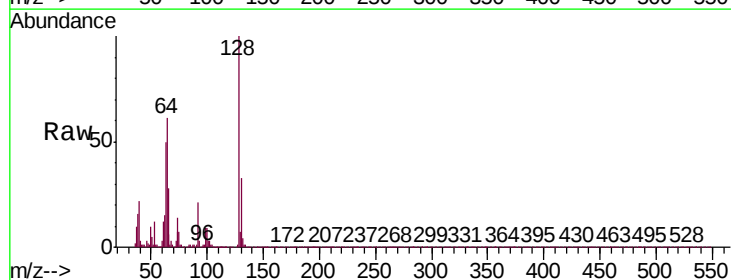
Tgt Ion: 128 Resp: 78266

Ion Ratio Lower Upper

128 100

130 33.0 11.8 51.8

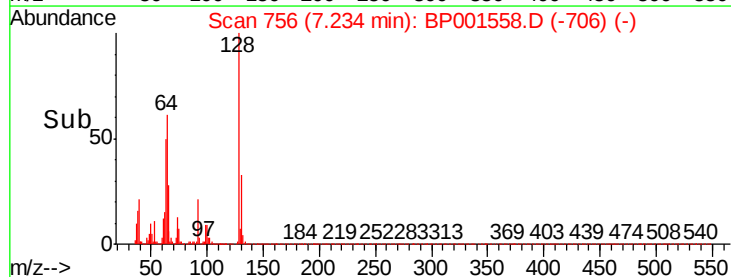
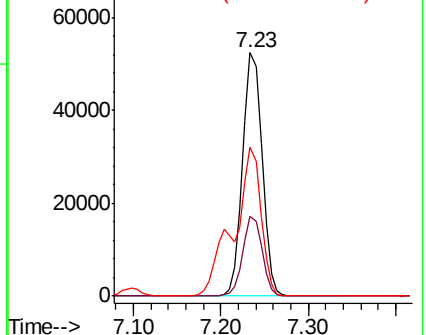
64 61.4 37.2 77.2

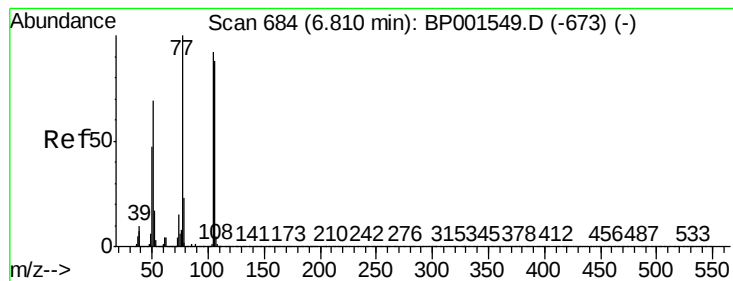


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 37.618 ng

RT: 6.81 min Scan# 684

Delta R.T. 0.00 min

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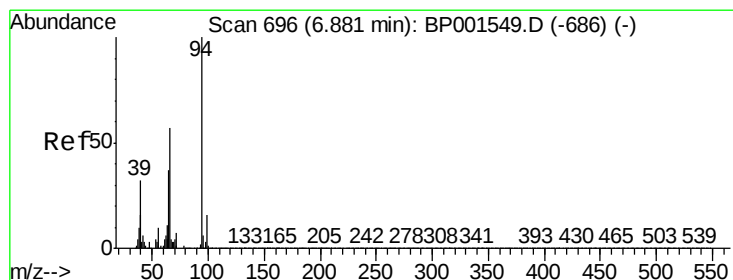
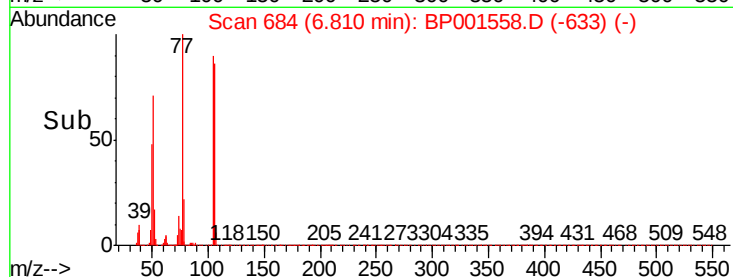
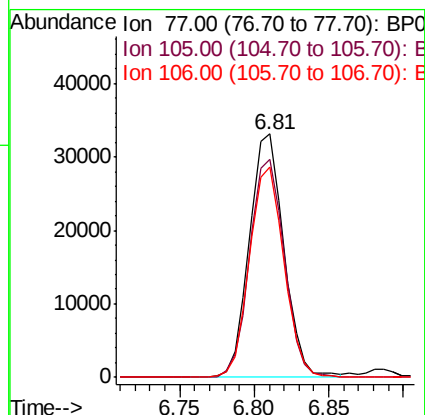
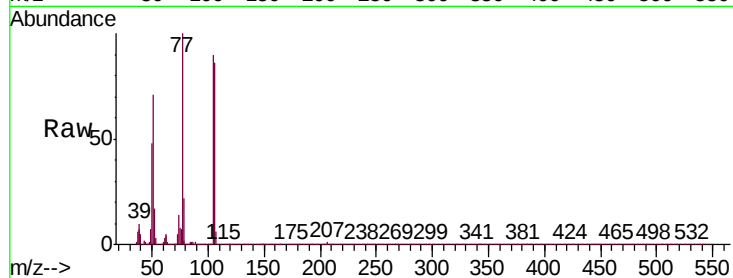
Tgt Ion: 77 Resp: 52745

Ion Ratio Lower Upper

77 100

105 89.7 71.6 111.6

106 86.4 67.7 107.7



#10

Phenol

Concen: 44.007 ng

RT: 6.89 min Scan# 697

Delta R.T. 0.01 min

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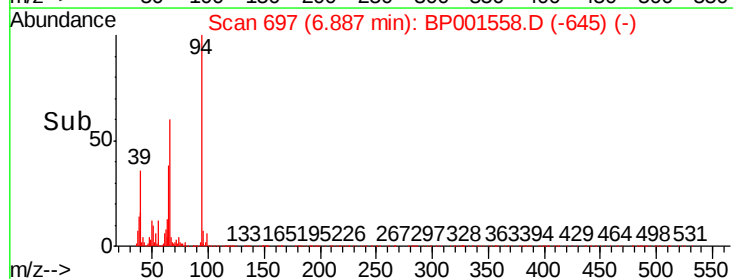
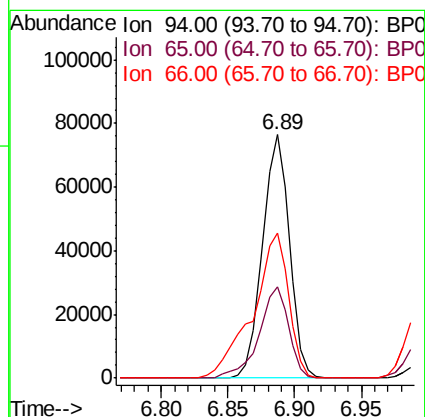
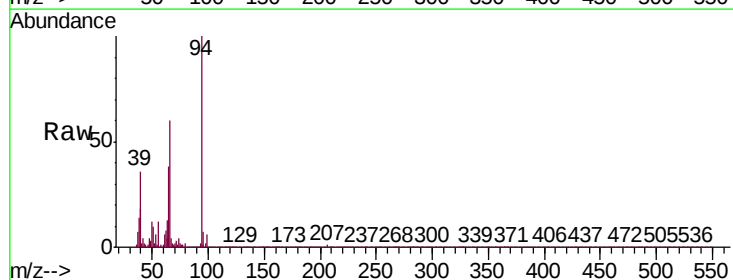
Tgt Ion: 94 Resp: 106861

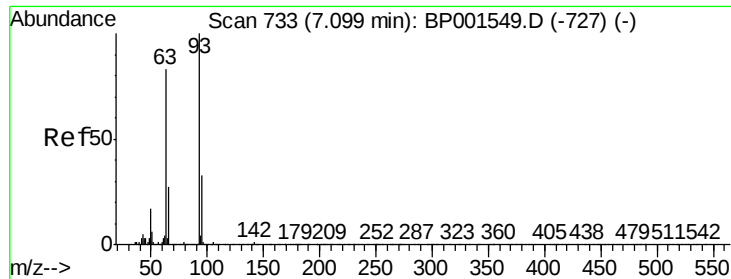
Ion Ratio Lower Upper

94 100

65 37.5 17.5 57.5

66 59.8 36.7 76.7

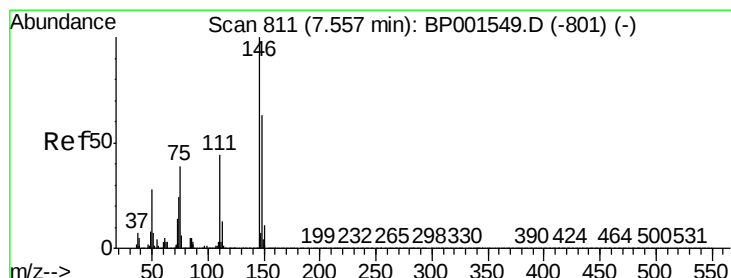
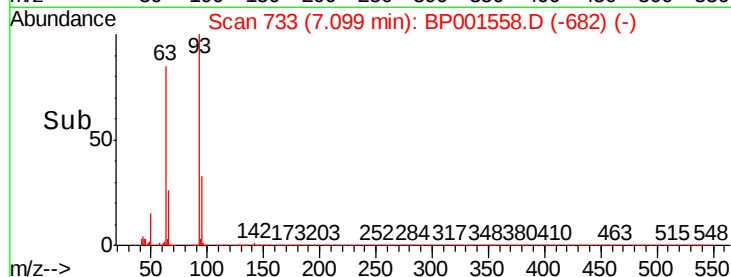
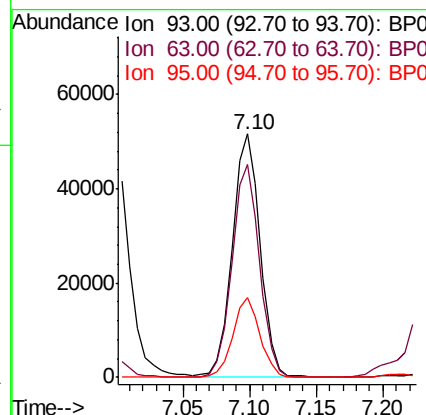
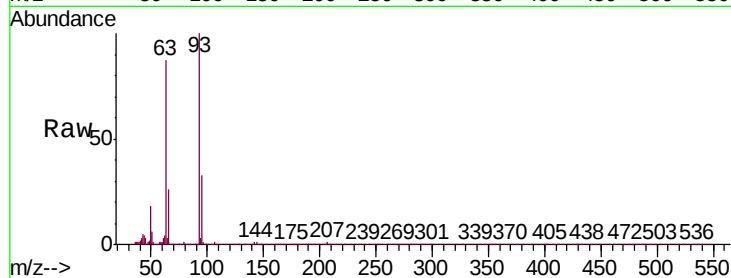




#11
bis(2-Chloroethyl)ether
Concen: 39.604 ng
RT: 7.10 min Scan# 733
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

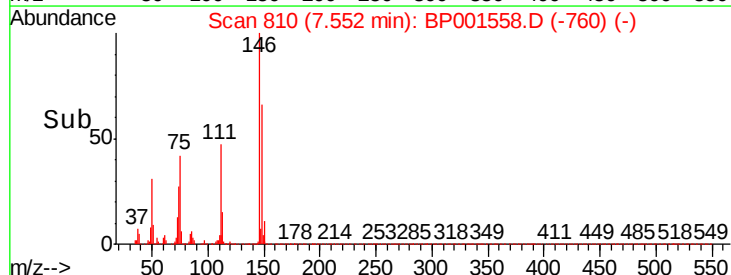
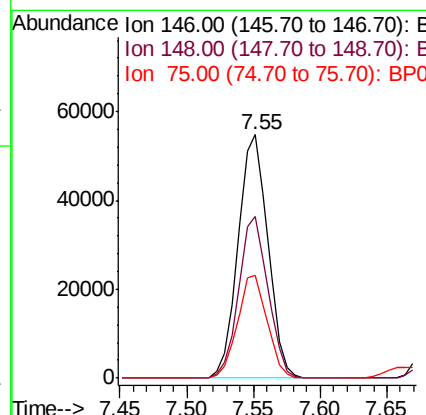
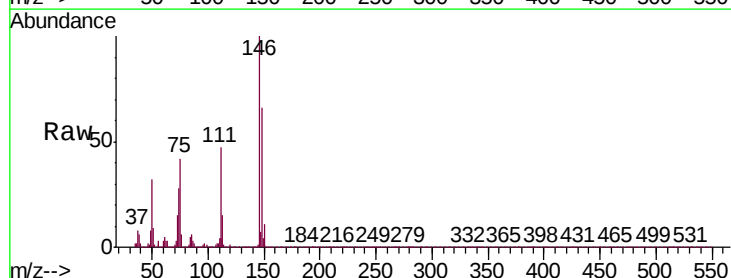
Instrument :
BNA_P
ClientSampleId :
PB125875BS

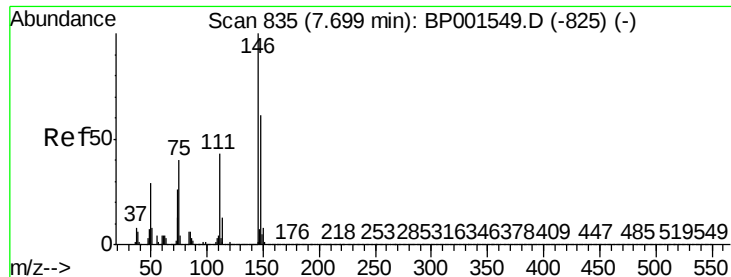
Tgt Ion: 93 Resp: 75423
Ion Ratio Lower Upper
93 100
63 87.4 63.2 103.2
95 32.7 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.333 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion: 146 Resp: 84780
Ion Ratio Lower Upper
146 100
148 66.4 50.2 75.2
75 42.4 31.1 46.7

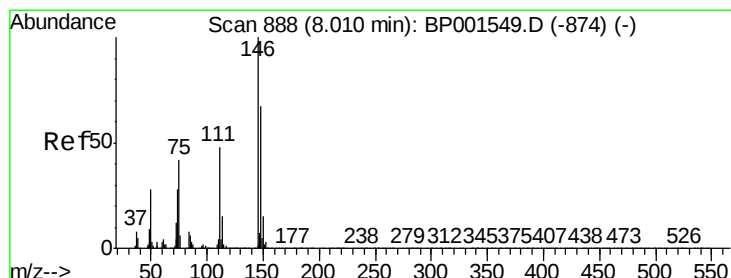
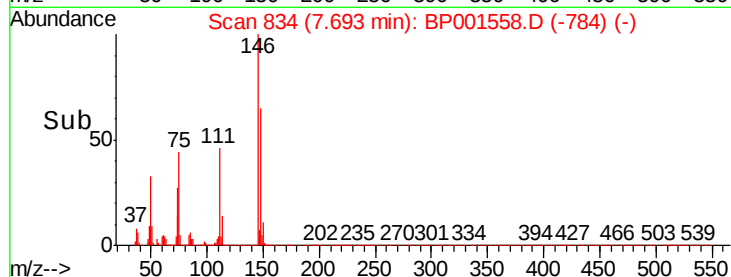
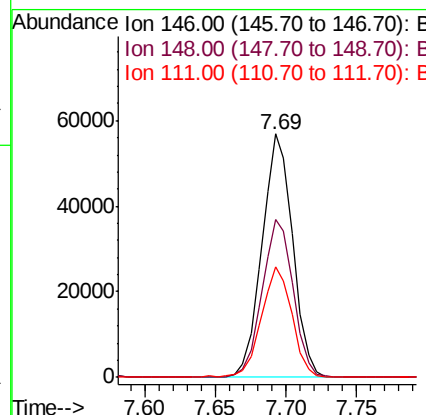
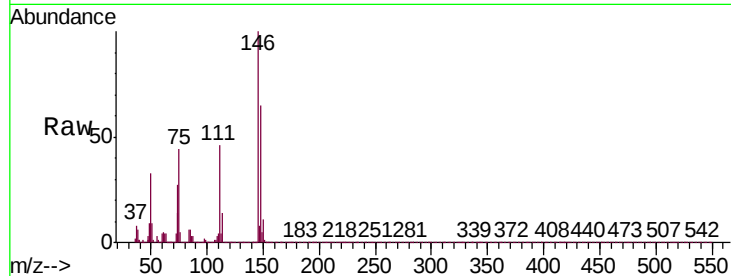




#13
 1,4-Dichlorobenzene
 Concen: 38.961 ng
 RT: 7.69 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

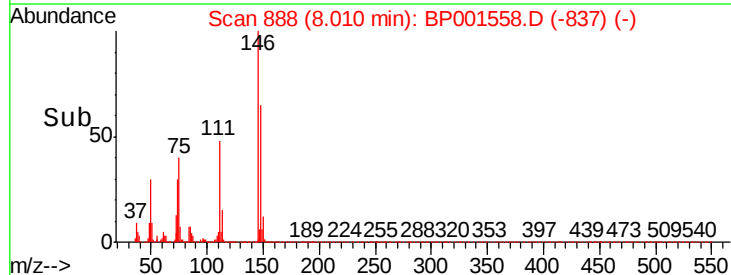
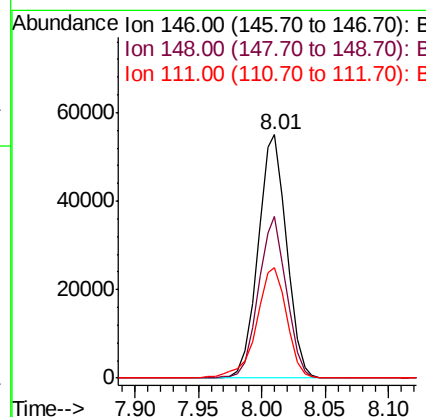
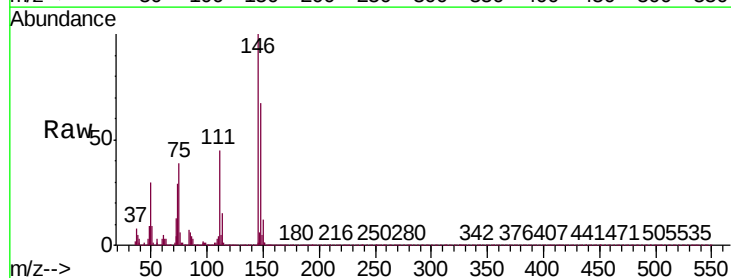
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

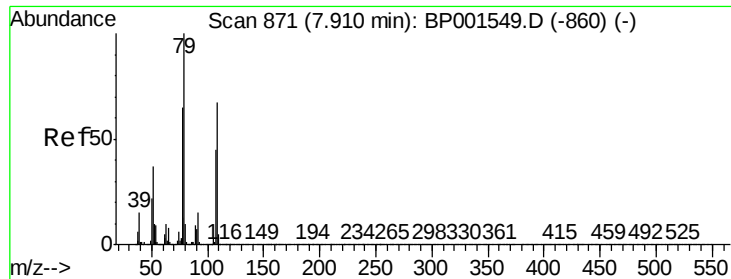
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	48.6	73.0
111	45.6	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 39.883 ng
 RT: 8.01 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.9	80.9
111	45.3	38.2	57.4





#15

Benzyl Alcohol

Concen: 40.813 ng

RT: 7.90 min Scan# 870

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

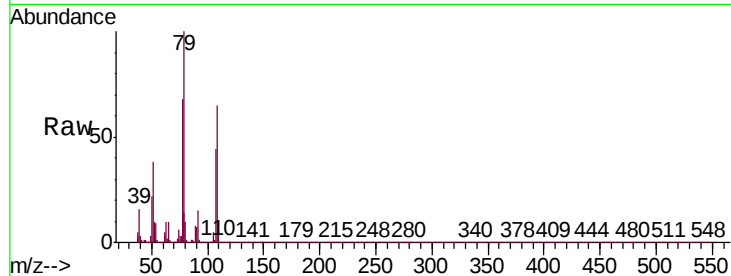
Tgt Ion: 79 Resp: 90224

Ion Ratio Lower Upper

79 100

108 65.0 53.2 79.8

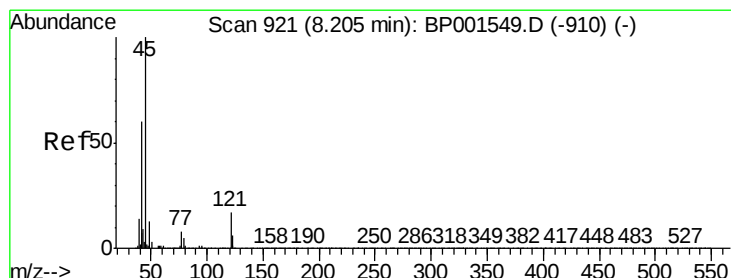
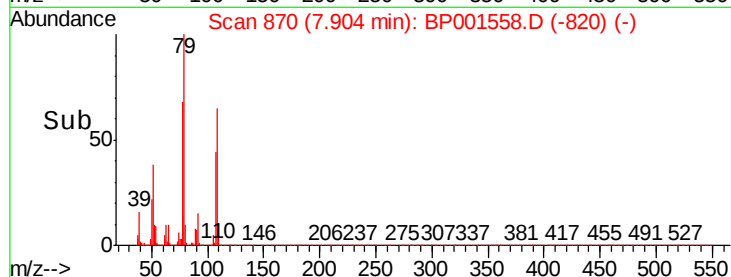
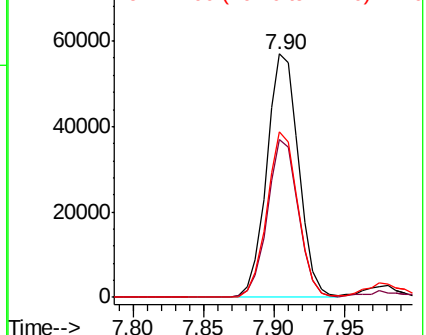
77 67.8 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.329 ng

RT: 8.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

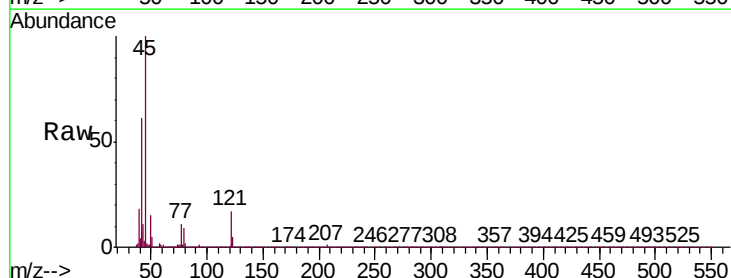
Tgt Ion: 45 Resp: 132067

Ion Ratio Lower Upper

45 100

77 11.4 0.0 32.6

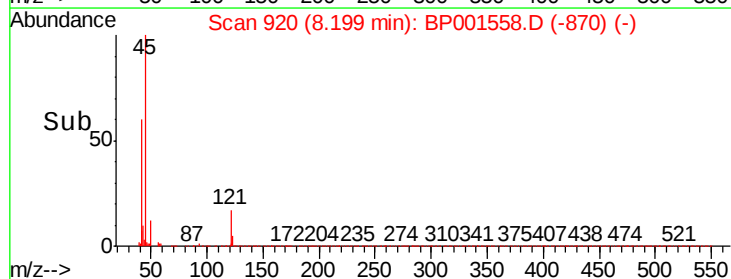
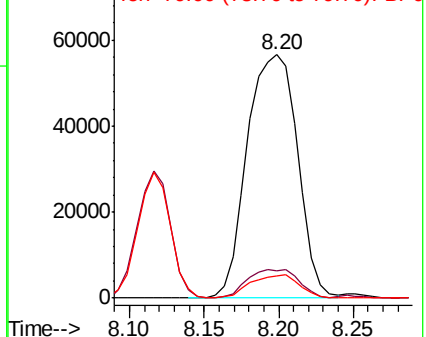
79 9.2 0.0 29.3

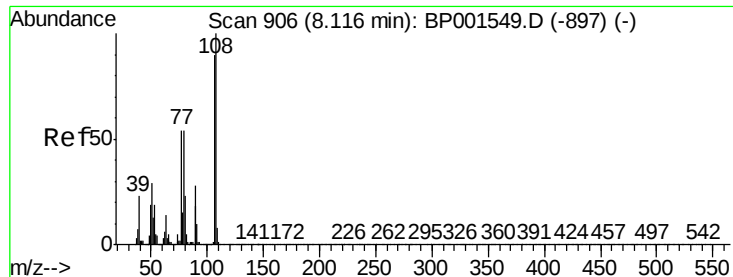


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

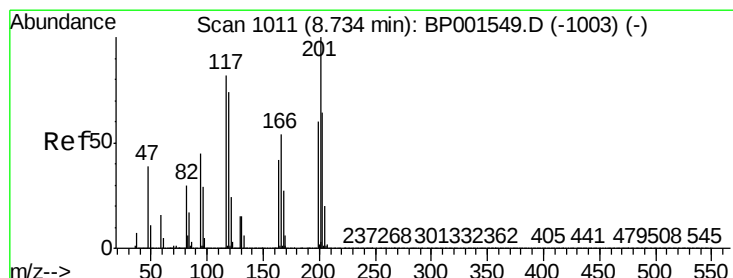
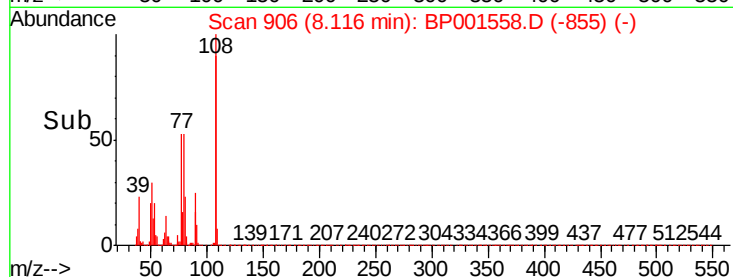
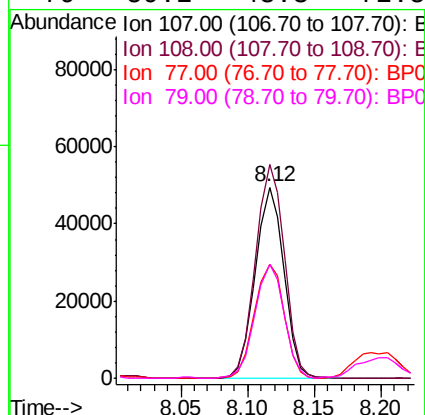
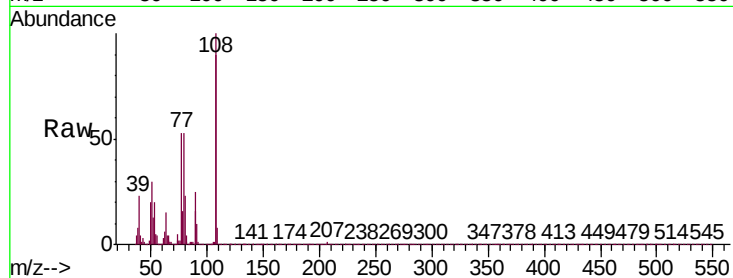




#17
2-Methylphenol
Concen: 43.328 ng
RT: 8.12 min Scan# 906
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

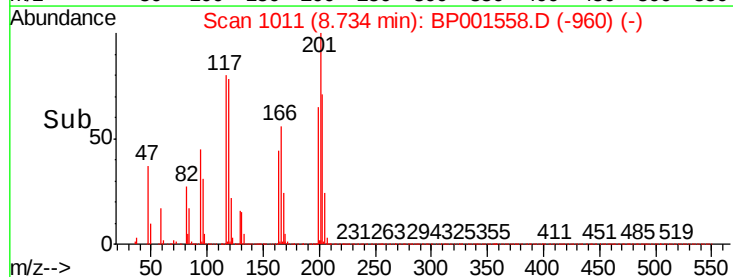
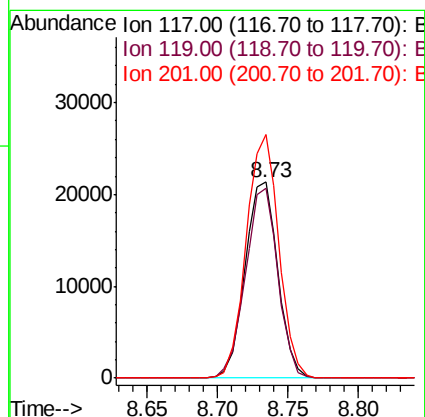
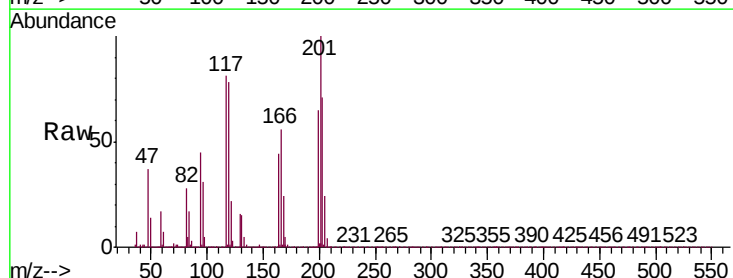
Instrument :
BNA_P
ClientSampleId :
PB125875BS

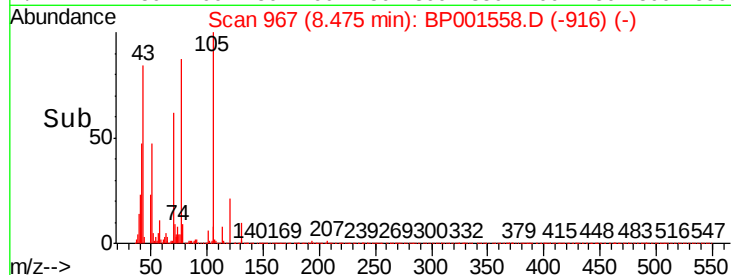
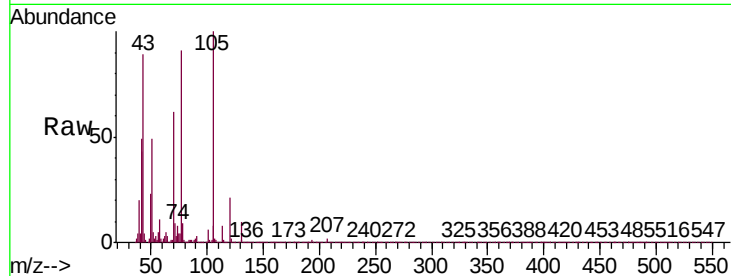
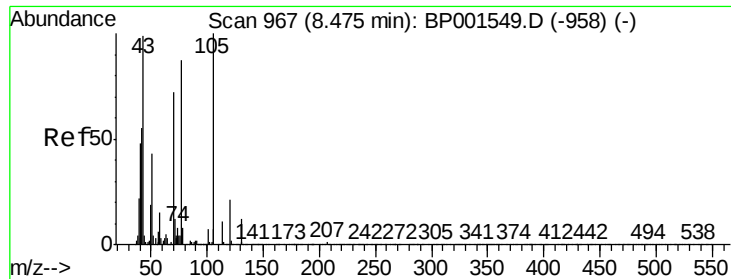
Tgt Ion:	107	Resp:	73049
Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.2	133.8
77	59.7	47.9	71.9
79	59.2	48.3	72.5



#18
Hexachloroethane
Concen: 39.970 ng
RT: 8.73 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	117	Resp:	34778
Ion	Ratio	Lower	Upper
117	100		
119	96.9	71.8	107.8
201	124.2	97.6	146.4

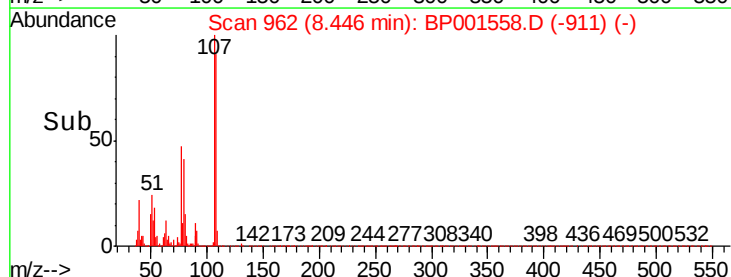
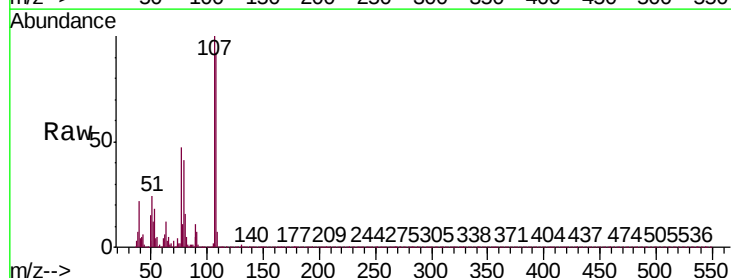
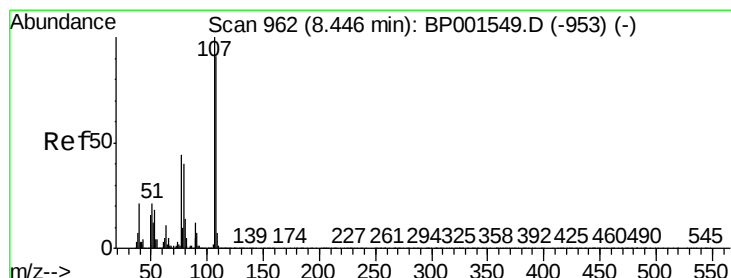
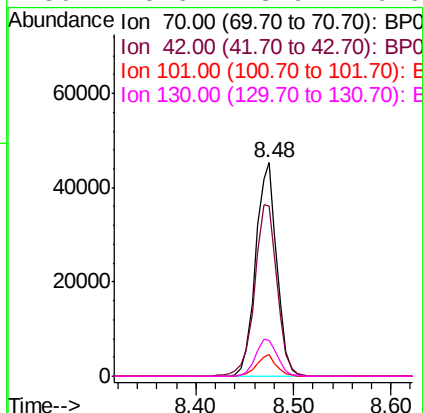




#19
n-Nitroso-di-n-propylamine
Concen: 38.544 ng
RT: 8.48 min Scan# 967
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

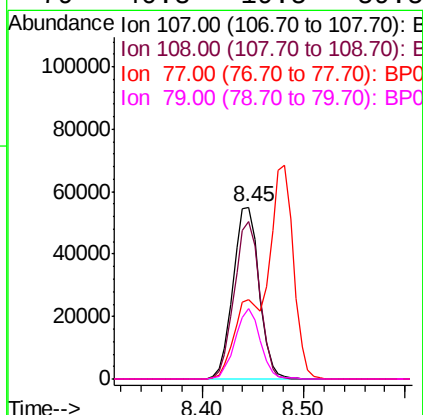
Instrument :
BNA_P
ClientSampleId :
PB125875BS

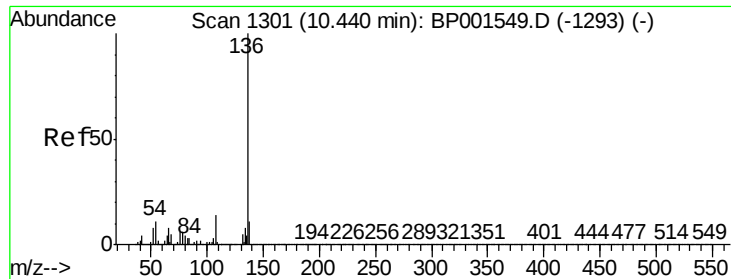
Tgt Ion:	70	Resp:	68980
Ion	Ratio	Lower	Upper
70	100		
42	79.9	62.3	93.5
101	9.9	7.3	10.9
130	16.6	13.9	20.9



#20
3+4-Methylphenols
Concen: 41.769 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	107	Resp:	98502
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.2	111.2
77	46.5	24.4	64.4
79	40.8	19.5	59.5

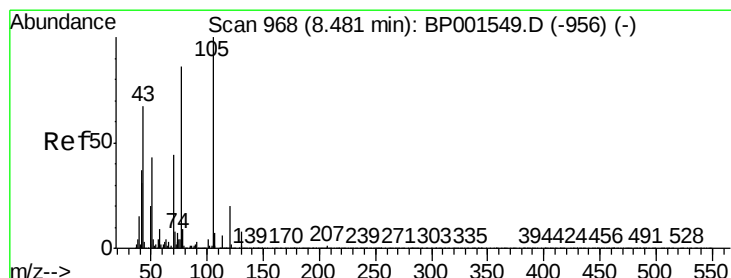
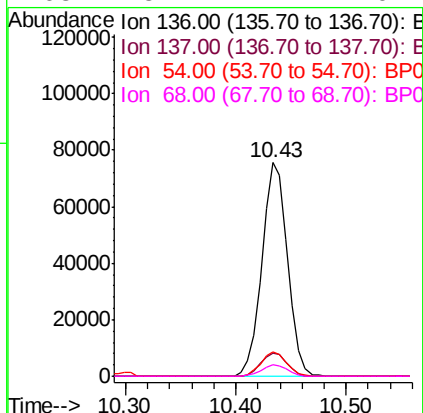
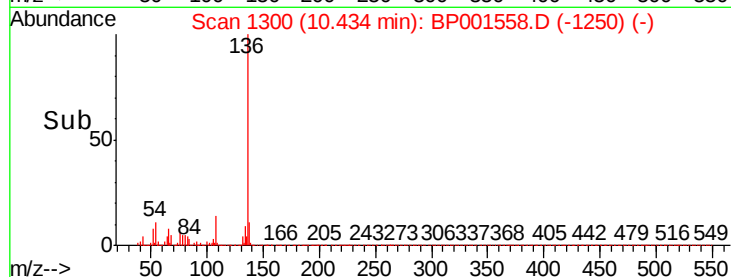
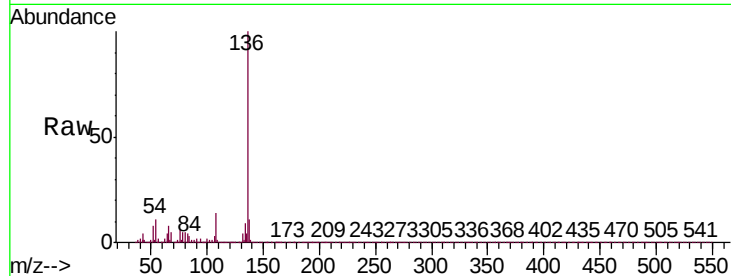




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

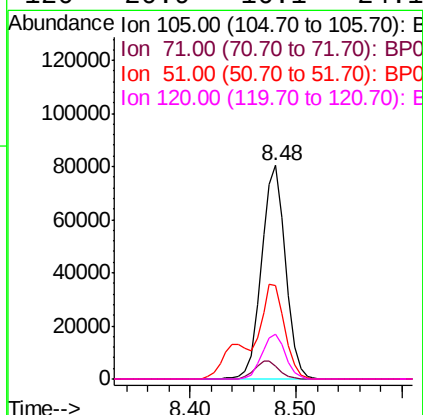
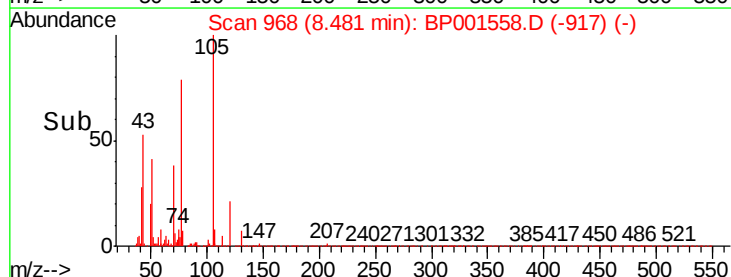
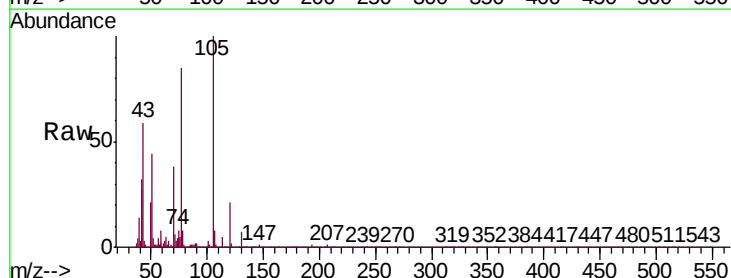
Instrument :
BNA_P
ClientSampleId :
PB125875BS

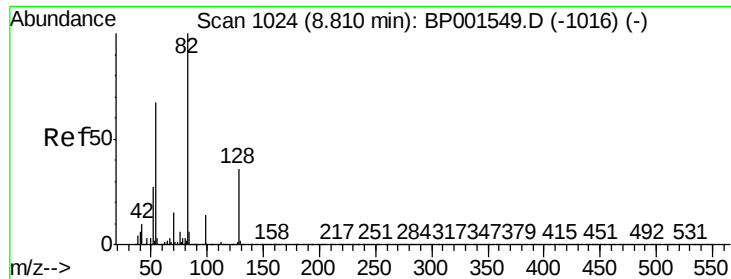
Tgt Ion:	136	Resp:	122299
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	12.8
54	11.2	9.2	13.8
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 37.106 ng
RT: 8.48 min Scan# 968
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	105	Resp:	127213
Ion	Ratio	Lower	Upper
105	100		
71	6.1	6.6	10.0#
51	43.5	34.1	51.1
120	20.9	16.1	24.1

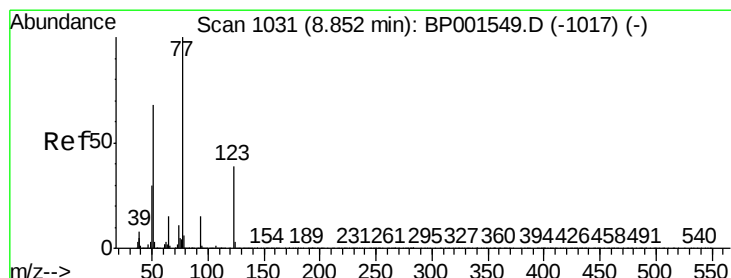
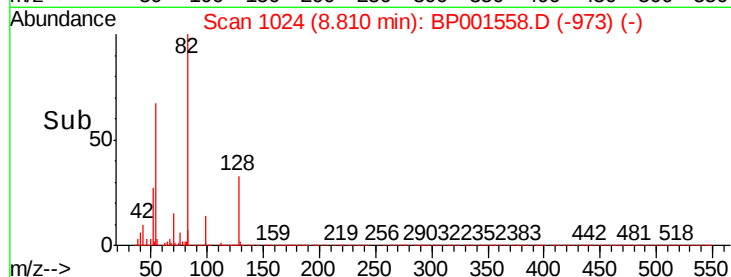
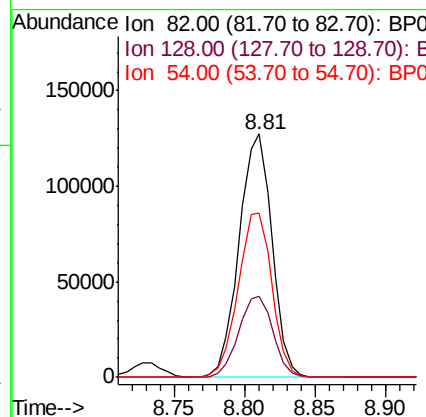
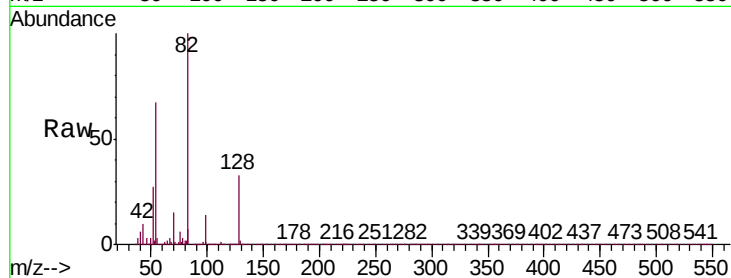




#23
 Nitrobenzene-d5
 Concen: 74.330 ng
 RT: 8.81 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

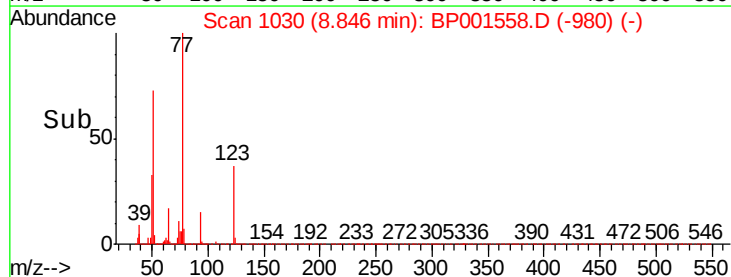
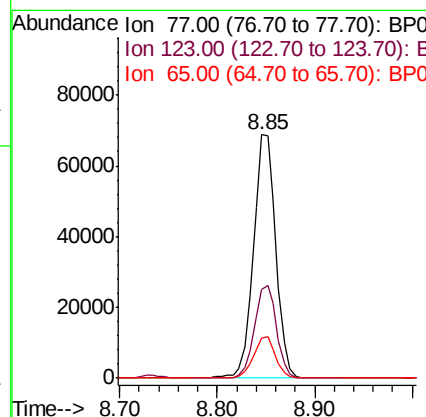
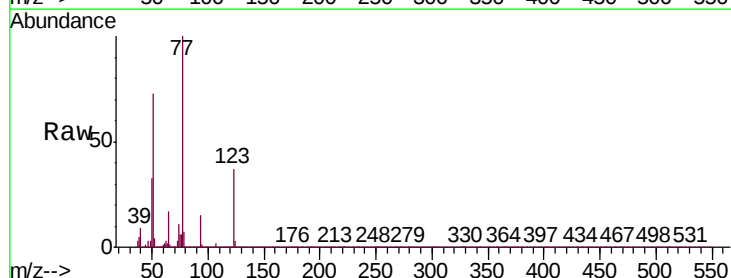
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

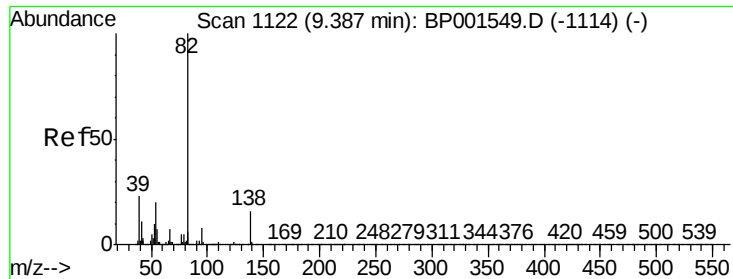
Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.5	28.4	42.6
54	67.4	53.4	80.2



#24
 Nitrobenzene
 Concen: 38.968 ng
 RT: 8.85 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.6	31.1	46.7
65	16.7	12.4	18.6

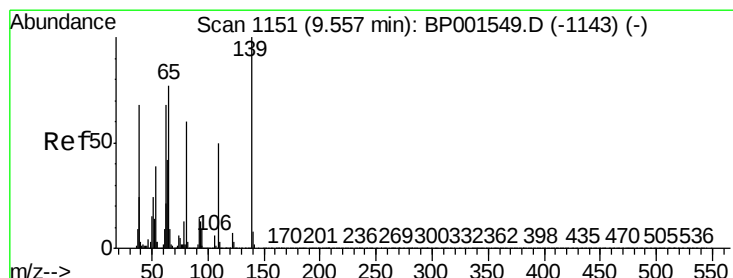
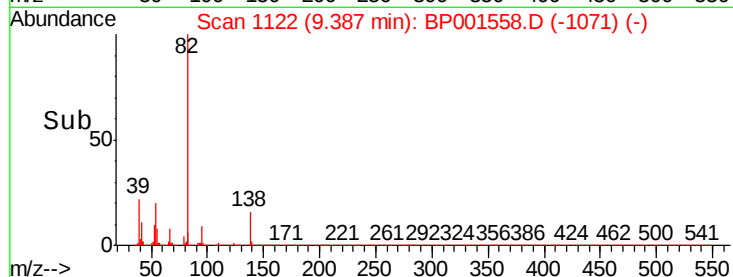
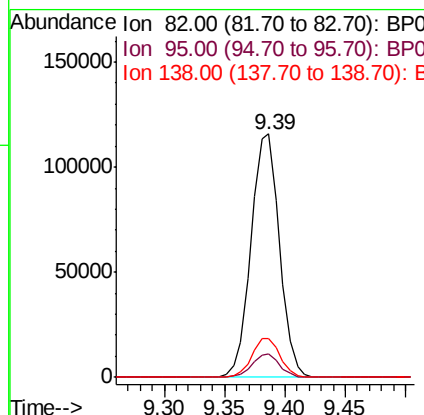
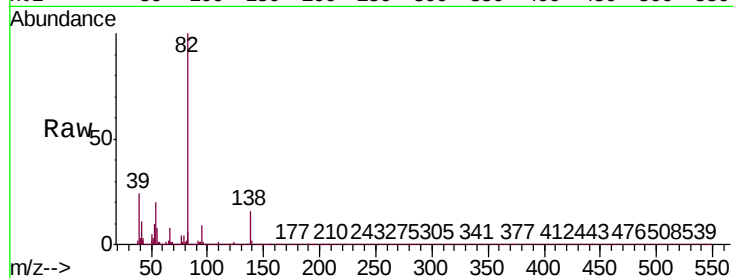




#25
Isophorone
Concen: 37.918 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

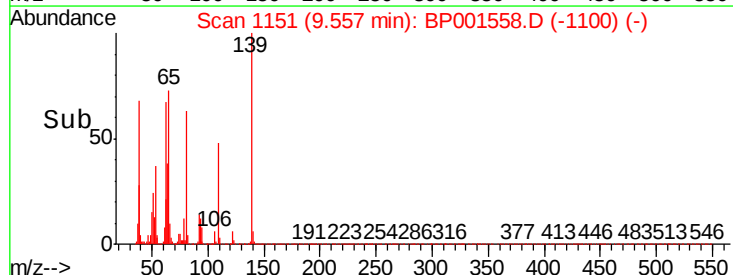
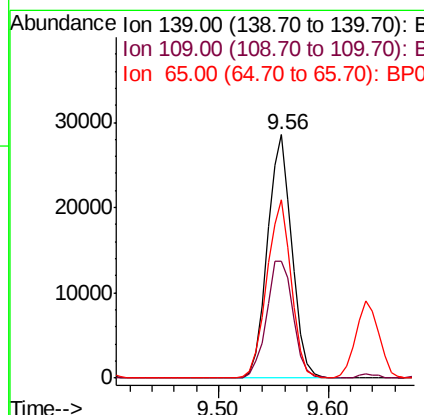
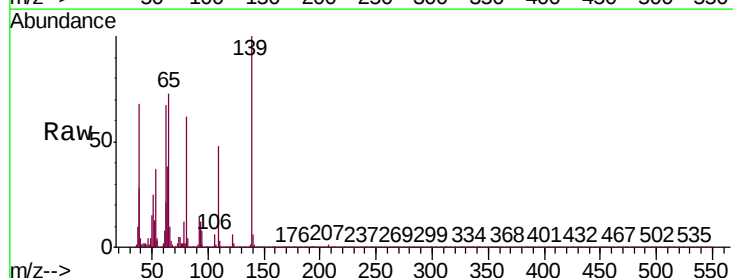
Instrument :
BNA_P
ClientSampleId :
PB125875BS

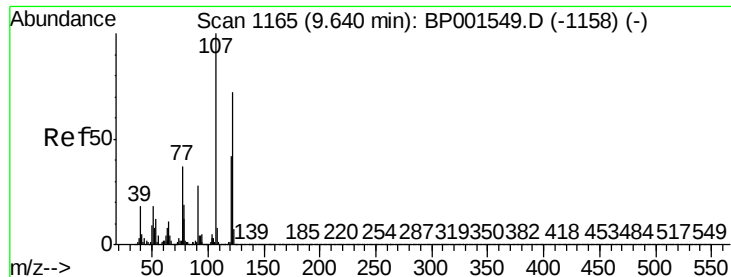
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.7	10.1
138	15.9	12.5	18.7



#26
2-Nitrophenol
Concen: 41.167 ng
RT: 9.56 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.1	39.6	59.4
65	73.4	61.3	91.9





#27

2,4-Dimethylphenol

Concen: 49.916 ng

RT: 9.63 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

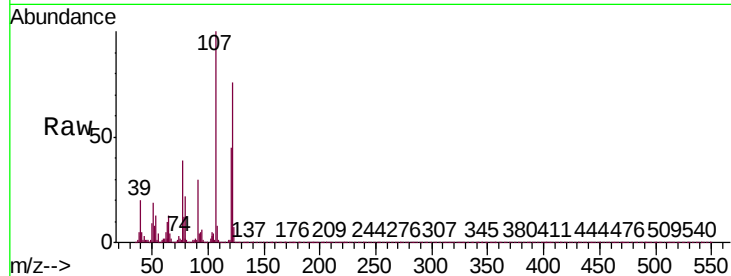
Tgt Ion: 122 Resp: 79795

Ion Ratio Lower Upper

122 100

107 130.9 111.8 167.6

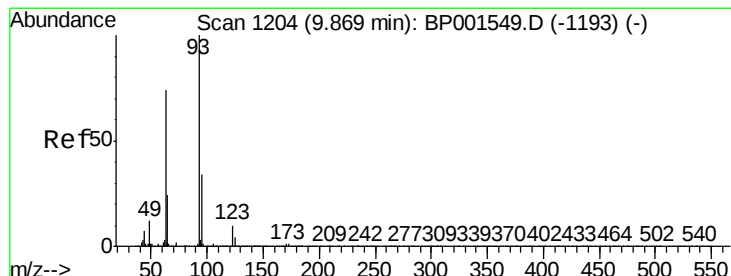
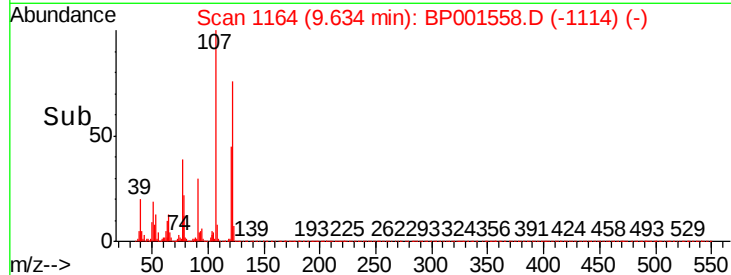
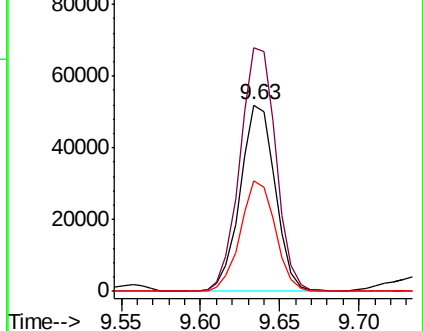
121 59.3 47.4 71.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.601 ng

RT: 9.86 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

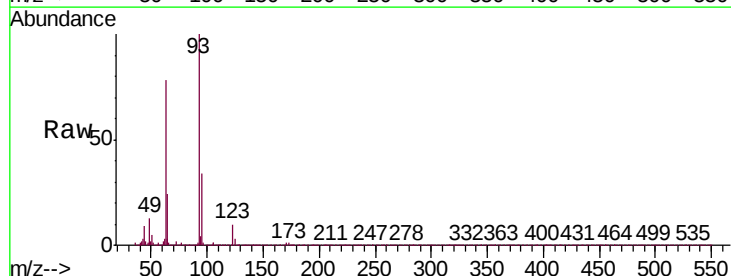
Tgt Ion: 93 Resp: 107611

Ion Ratio Lower Upper

93 100

95 34.4 26.9 40.3

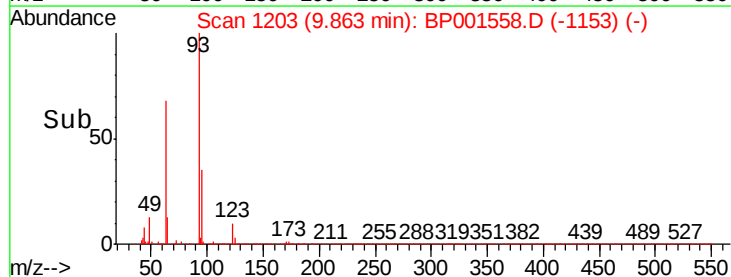
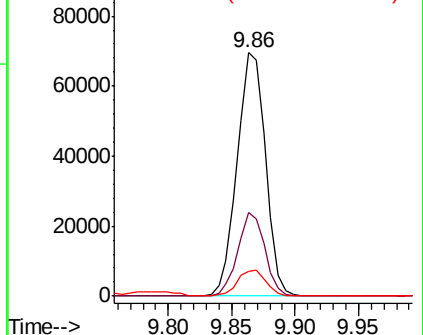
123 10.0 8.0 12.0

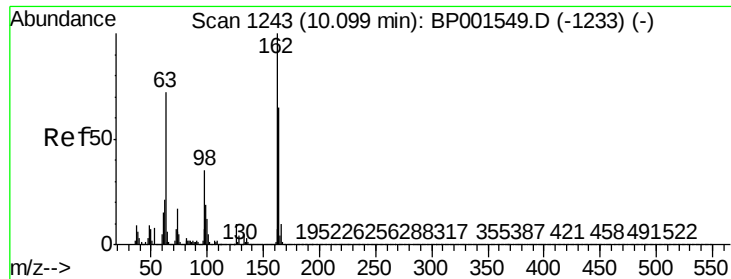


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

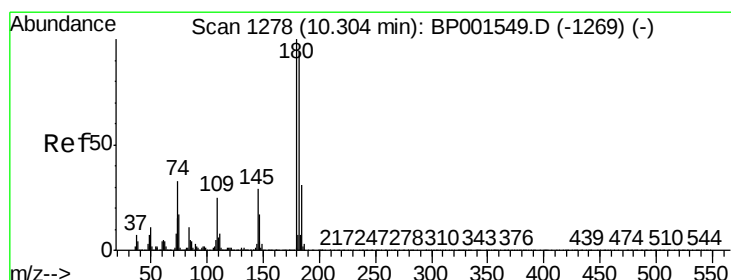
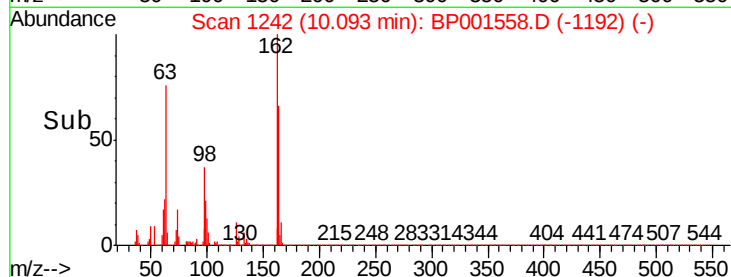
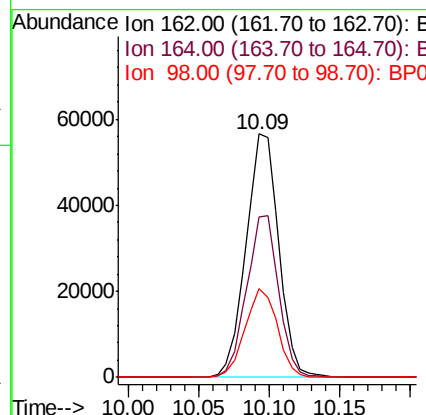
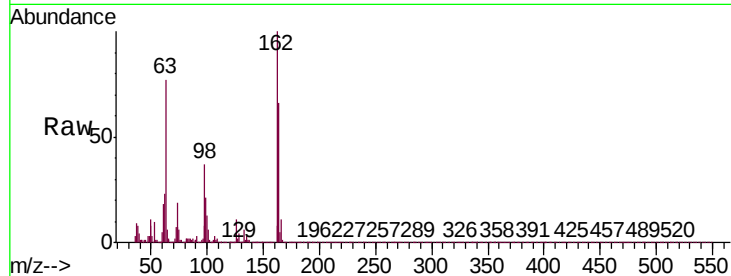




#29
2,4-Dichlorophenol
Concen: 42.103 ng
RT: 10.09 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

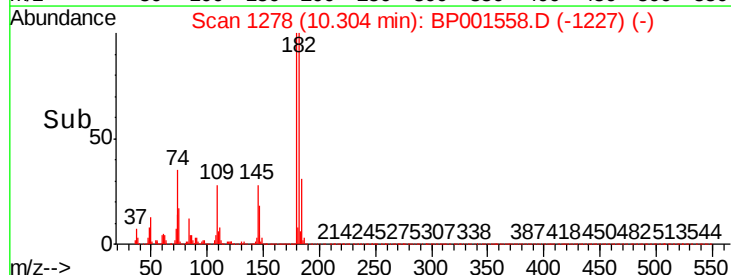
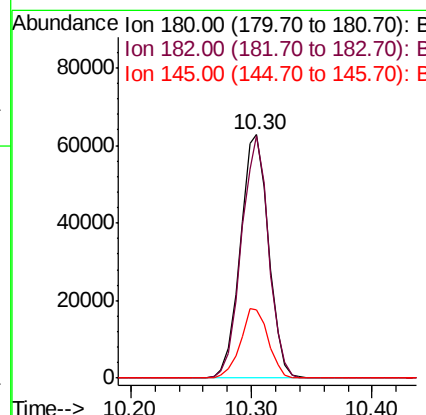
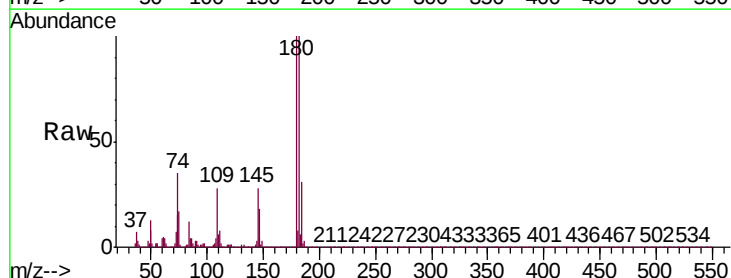
Instrument :
BNA_P
ClientSampleId :
PB125875BS

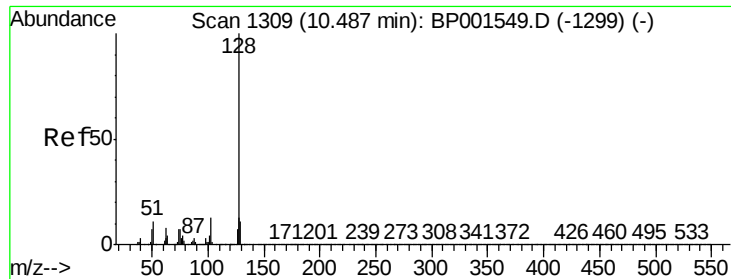
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.9	84.9
98	36.6	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 38.627 ng
RT: 10.30 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.7	75.2	112.8
145	28.1	22.9	34.3

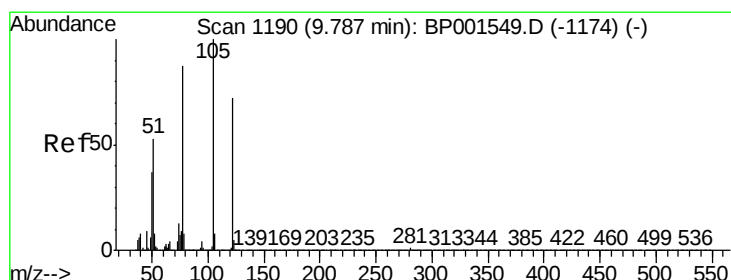
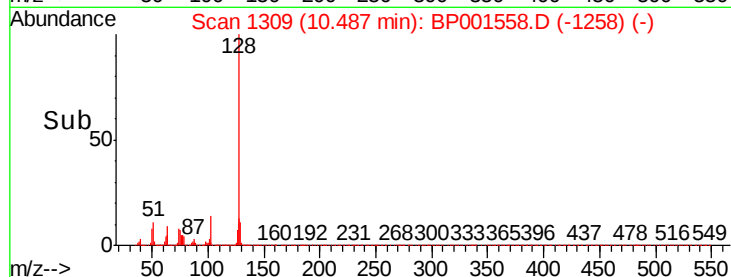
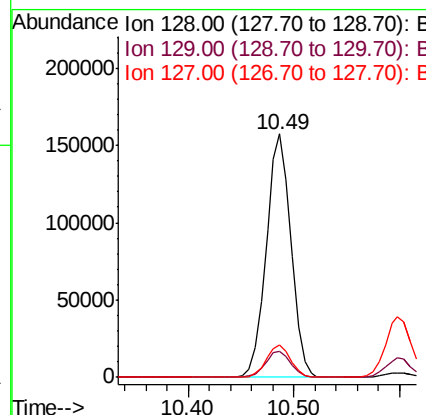
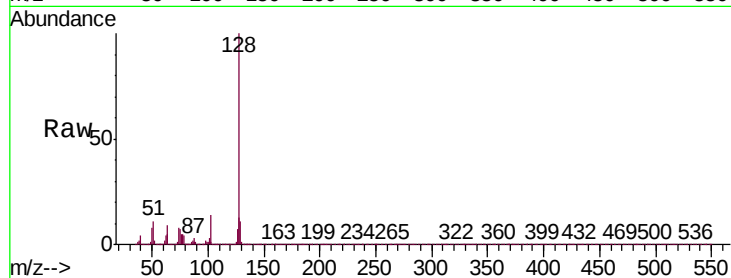




#31
Naphthalene
Concen: 39.465 ng
RT: 10.49 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

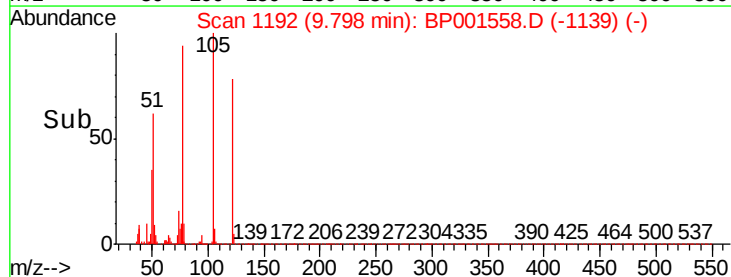
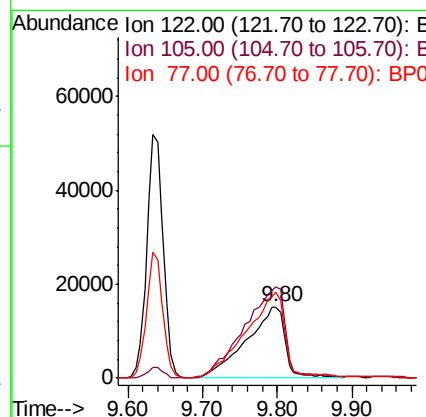
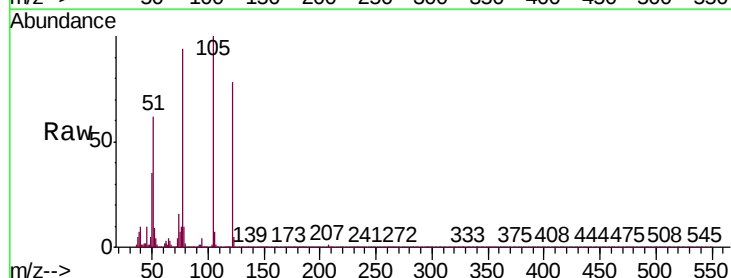
Instrument :
BNA_P
ClientSampleId :
PB125875BS

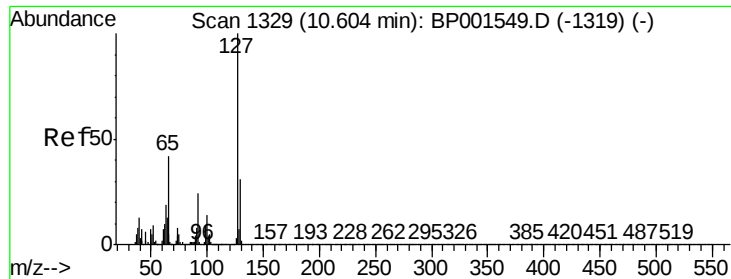
Tgt Ion:	128	Resp:	254730
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.3	10.6	16.0



#32
Benzoic acid
Concen: 38.577 ng
RT: 9.80 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	122	Resp:	54028
Ion	Ratio	Lower	Upper
122	100		
105	128.9	119.5	159.5
77	121.1	102.8	142.8

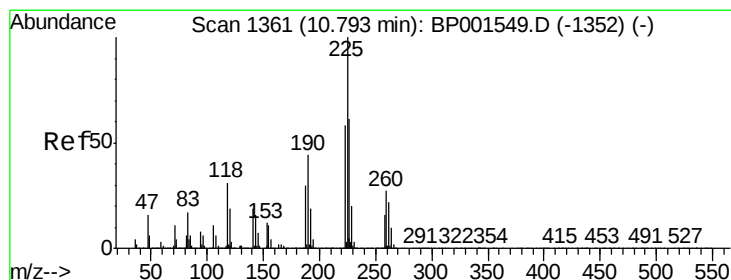
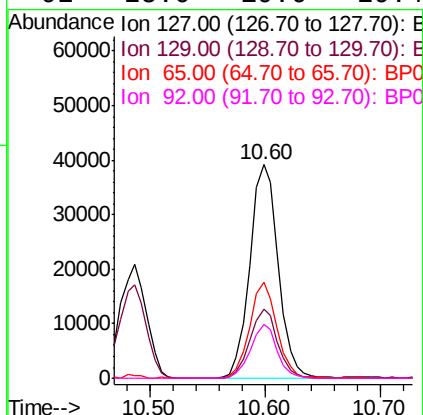
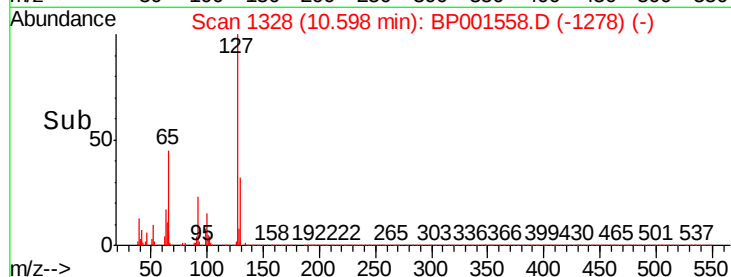
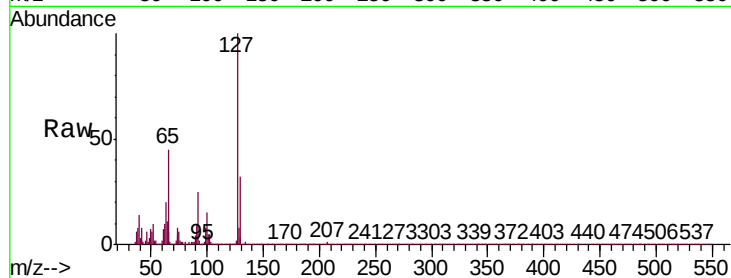




#33
4-Chloroaniline
Concen: 22.572 ng
RT: 10.60 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

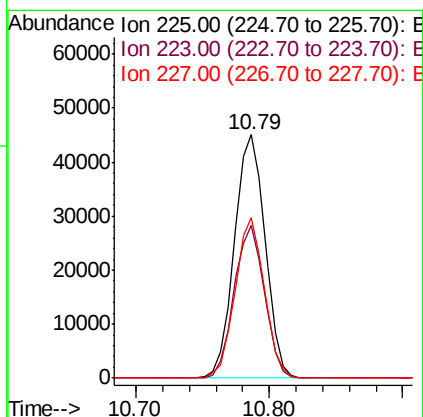
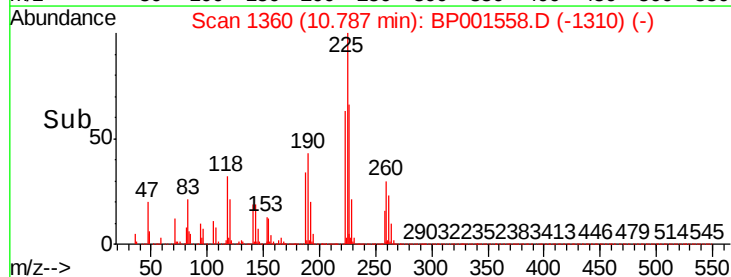
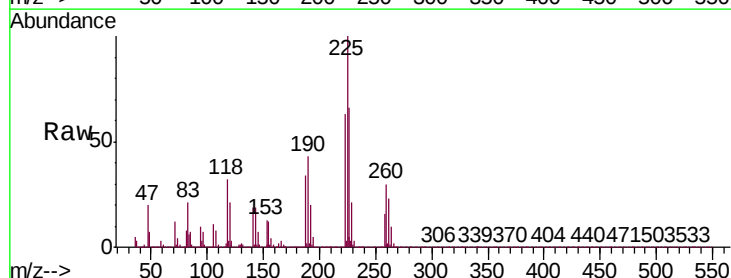
Instrument :
BNA_P
ClientSampleId :
PB125875BS

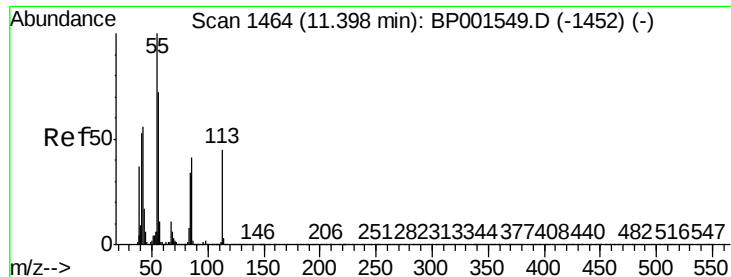
Tgt Ion:	127	Resp:	67080
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.9	37.3
65	44.9	33.3	49.9
92	25.0	19.6	29.4



#34
Hexachlorobutadiene
Concen: 38.315 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	225	Resp:	71646
Ion	Ratio	Lower	Upper
225	100		
223	62.8	46.5	69.7
227	65.9	48.8	73.2

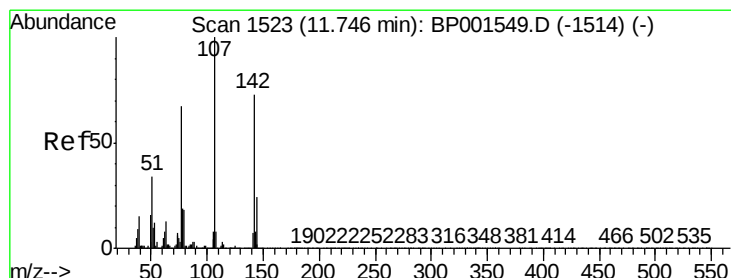
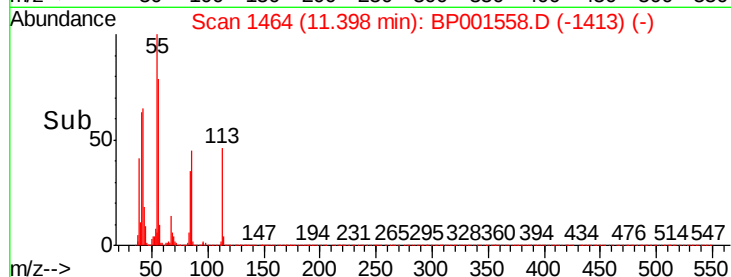
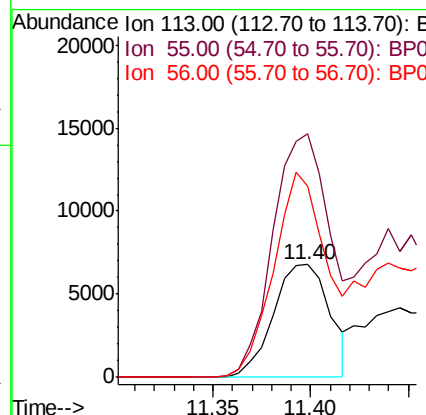
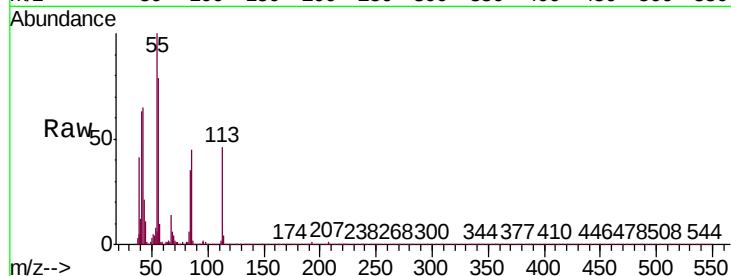




#35
 Caprolactam
 Concen: 17.098 ng
 RT: 11.40 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

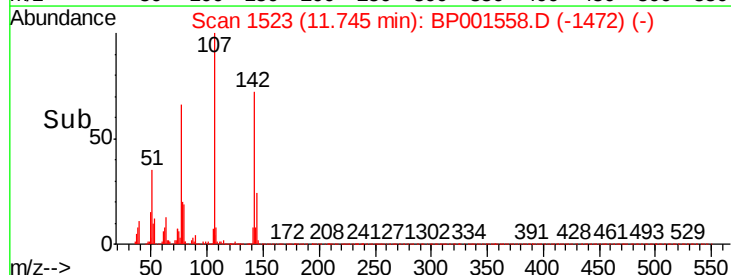
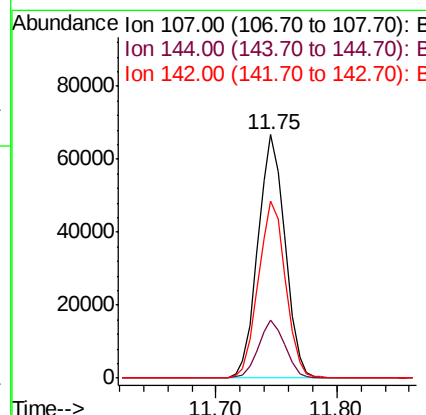
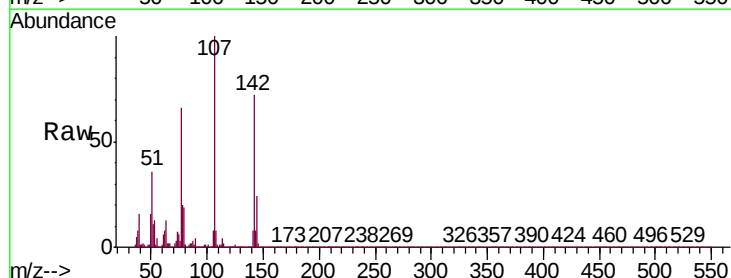
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

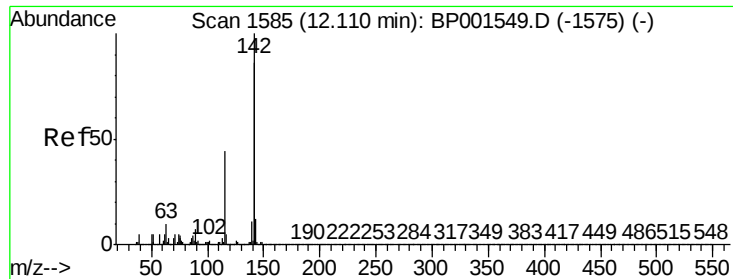
Tgt Ion: 113 Resp: 13586
 Ion Ratio Lower Upper
 113 100
 55 215.5 202.7 242.7
 56 169.6 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 39.807 ng
 RT: 11.75 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion: 107 Resp: 104534
 Ion Ratio Lower Upper
 107 100
 144 23.8 18.9 28.3
 142 72.5 58.0 87.0

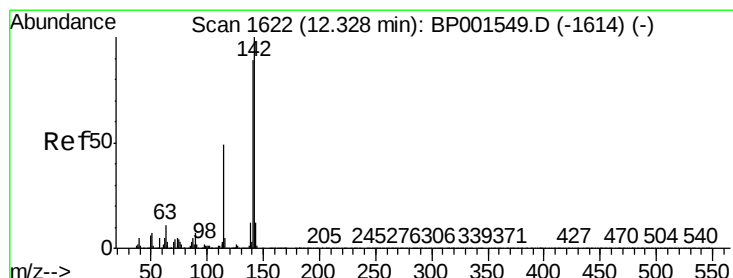
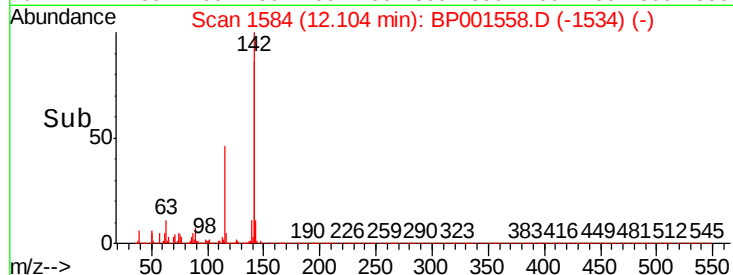
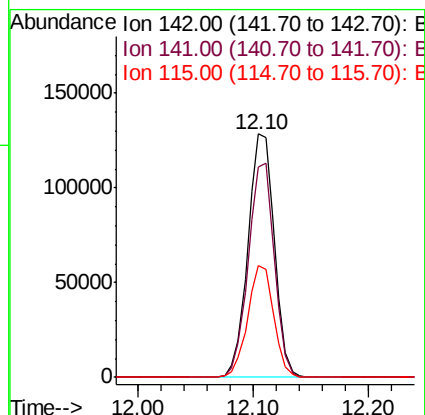
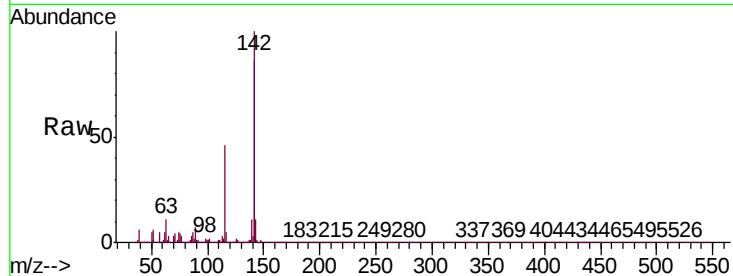




#37
2-Methylnaphthalene
Concen: 39.548 ng
RT: 12.10 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

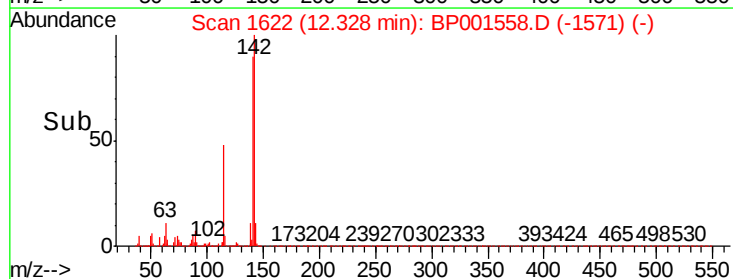
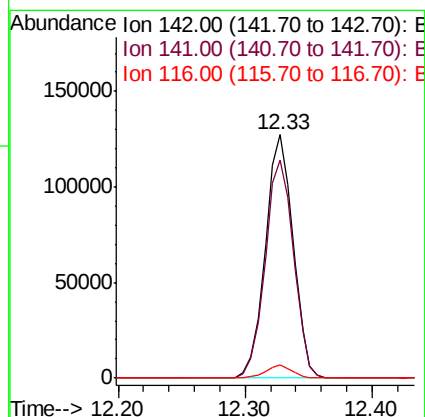
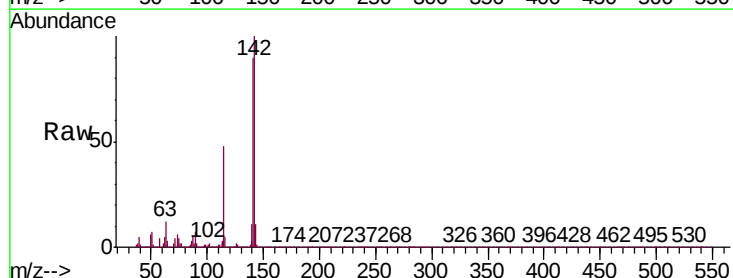
Instrument :
BNA_P
ClientSampleId :
PB125875BS

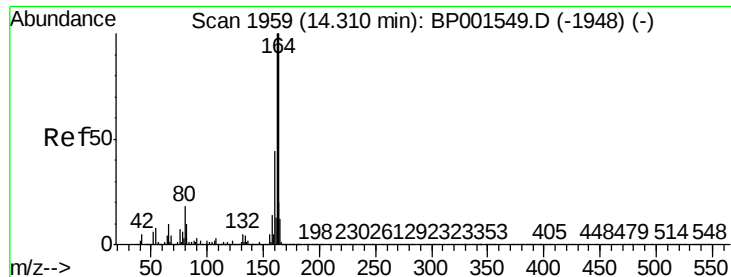
Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.3	68.4	102.6
115	45.8	35.1	52.7



#38
1-Methylnaphthalene
Concen: 39.160 ng
RT: 12.33 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.9	106.3
116	5.2	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

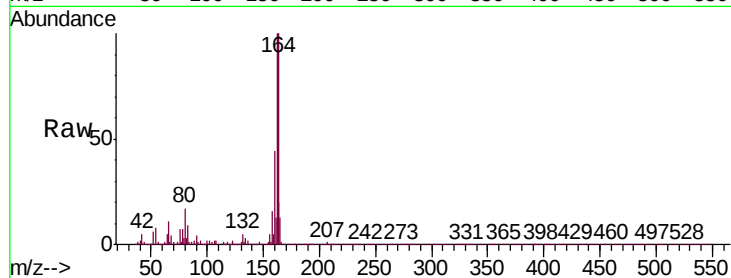
Tgt Ion:164 Resp: 102269

Ion Ratio Lower Upper

164 100

162 100.2 79.8 119.6

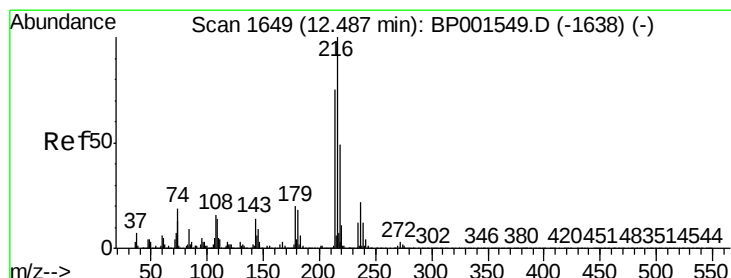
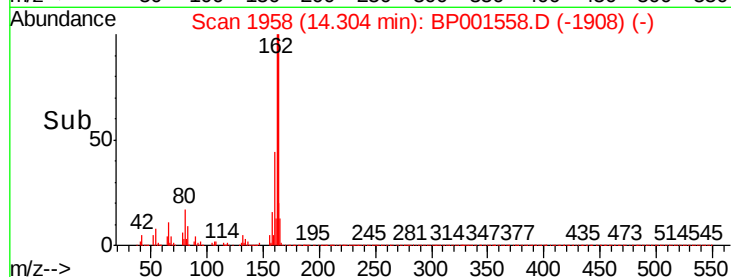
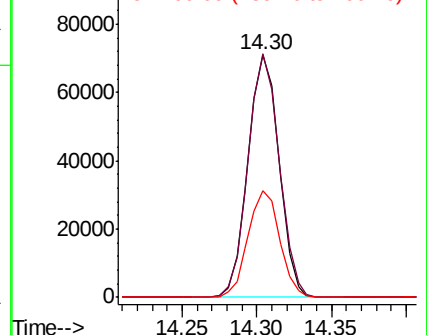
160 44.0 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.095 ng

RT: 12.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Tgt Ion:216 Resp: 133457

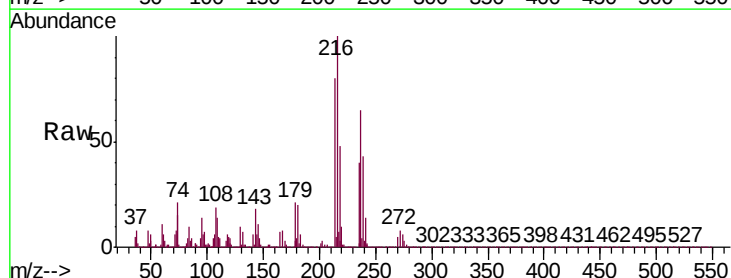
Ion Ratio Lower Upper

216 100

214 78.3 61.3 91.9

179 20.4 15.7 23.5

108 20.6 14.2 21.4

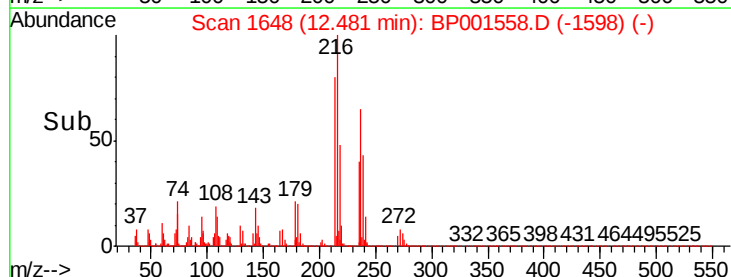
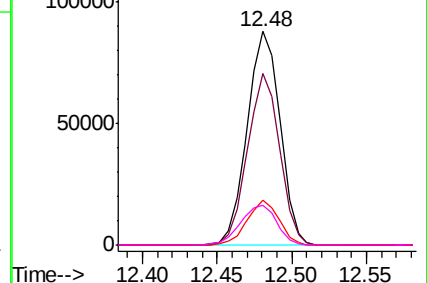


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 91.147 ng

RT: 12.47 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

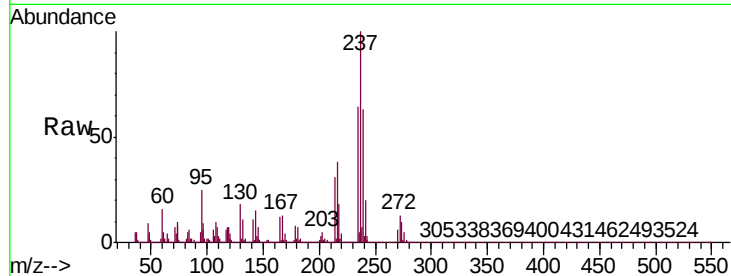
Tgt Ion:237 Resp: 161973

Ion Ratio Lower Upper

237 100

235 63.6 41.6 81.6

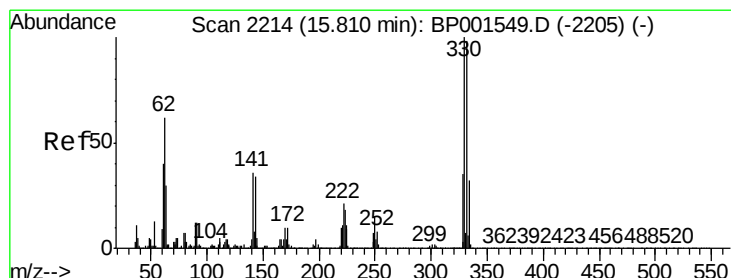
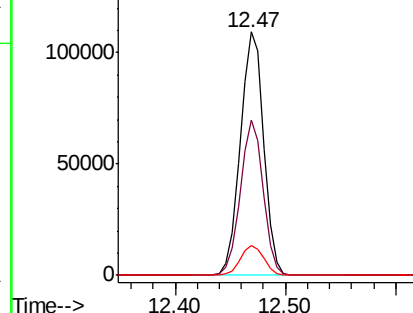
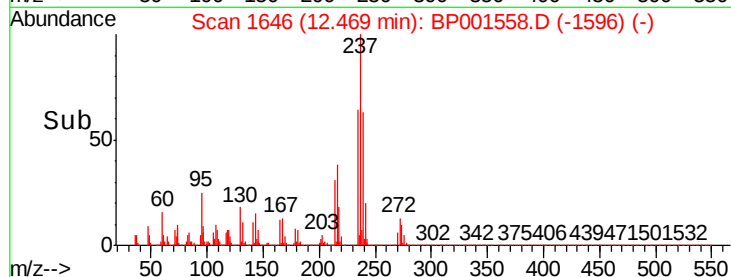
272 12.5 0.0 31.2



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: 111.901 ng

RT: 15.80 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

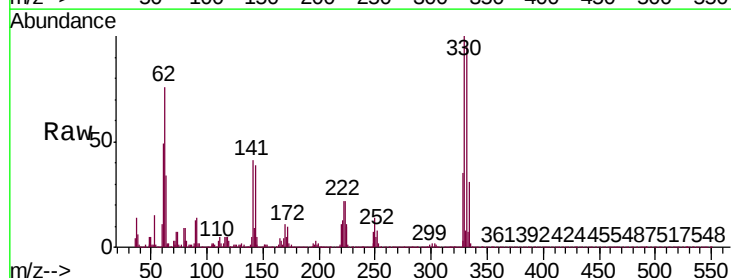
Tgt Ion:330 Resp: 174201

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.6

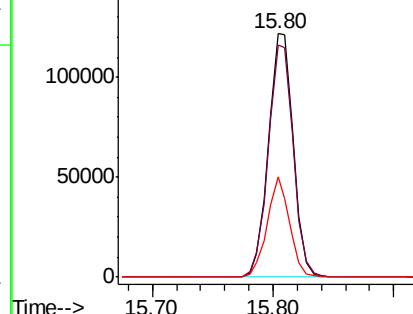
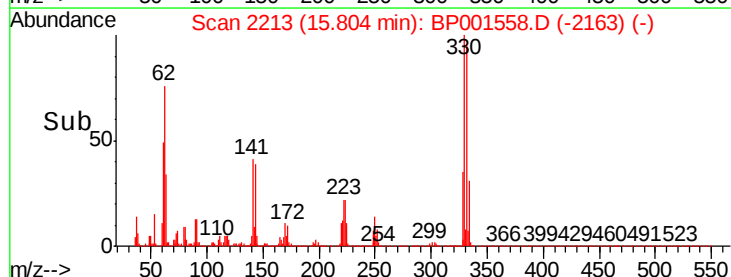
141 37.2 28.7 43.1

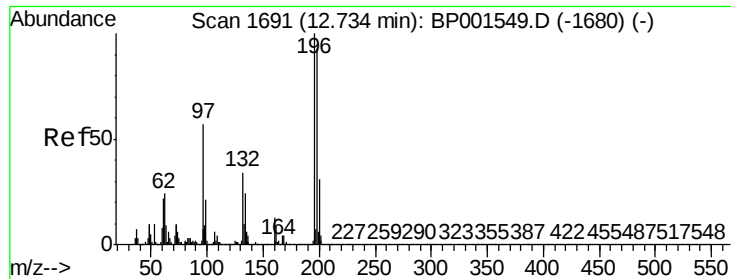


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

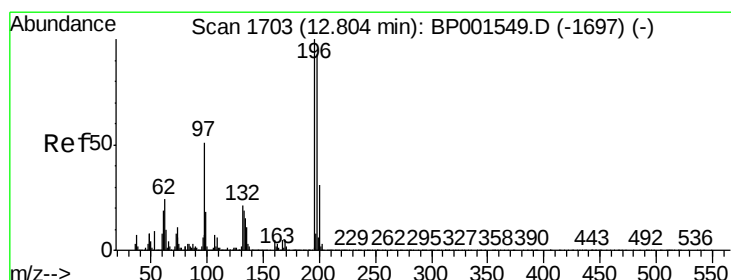
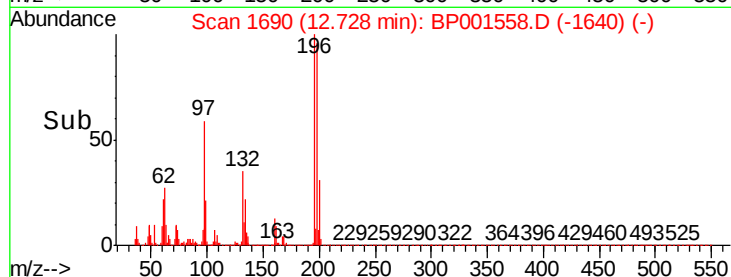
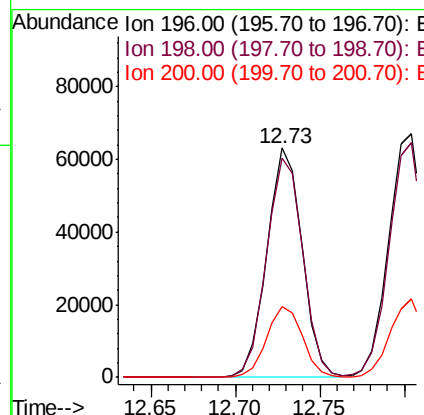
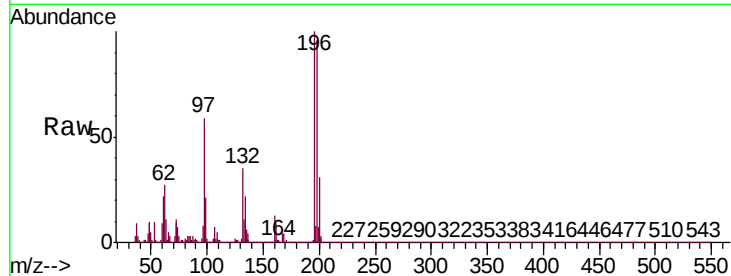




#43
 2,4,6-Trichlorophenol
 Concen: 40.529 ng
 RT: 12.73 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

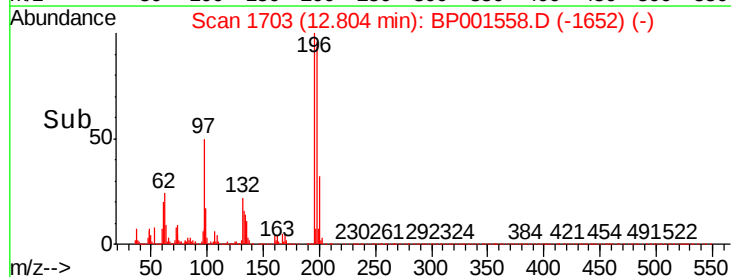
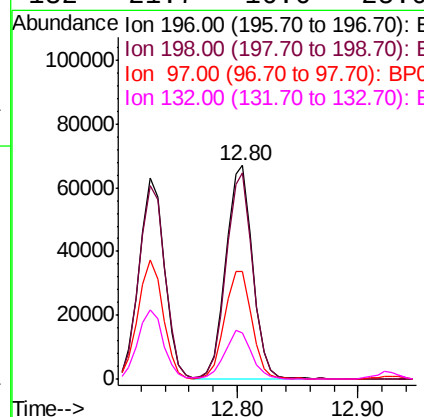
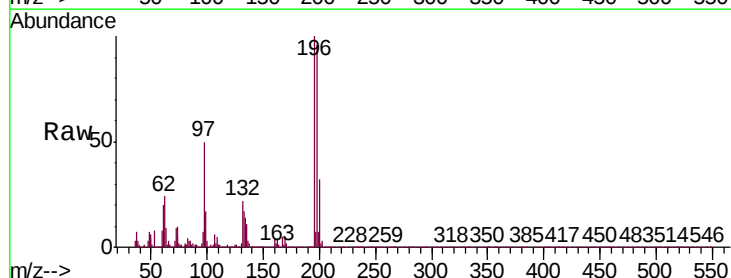
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

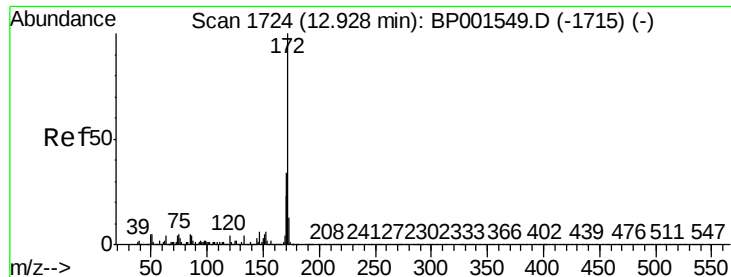
Tgt Ion:196 Resp: 91571
 Ion Ratio Lower Upper
 196 100
 198 96.0 74.2 111.4
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.637 ng
 RT: 12.80 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion:196 Resp: 102368
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.6 111.8
 97 50.5 41.0 61.6
 132 21.7 16.6 25.0





#45

2-Fluorobiphenyl

Concen: 75.808 ng

RT: 12.93 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

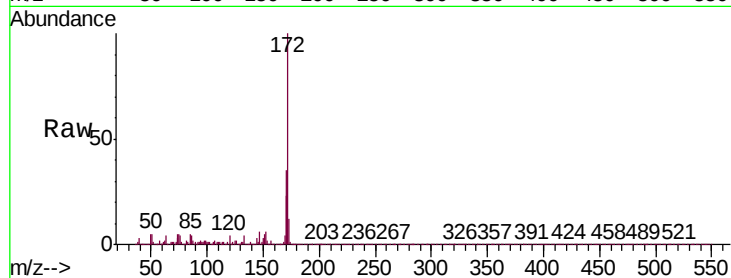
BNA_P

ClientSampleId :

PB125875BS

Tgt Ion:172 Resp: 527301

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.6	41.4
170	22.6	18.3	27.5

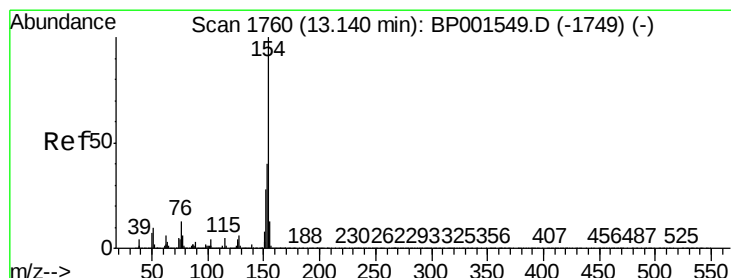
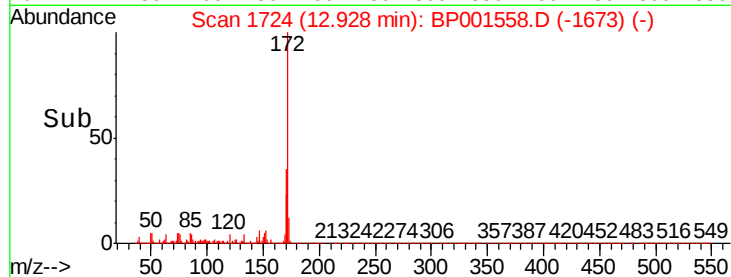
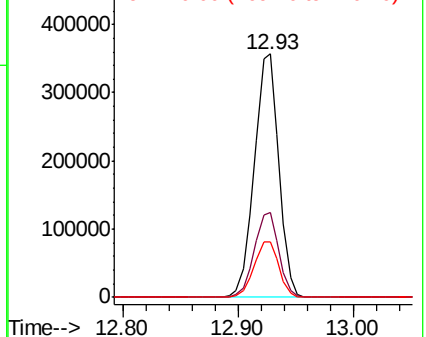


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 39.087 ng

RT: 13.13 min Scan# 1759

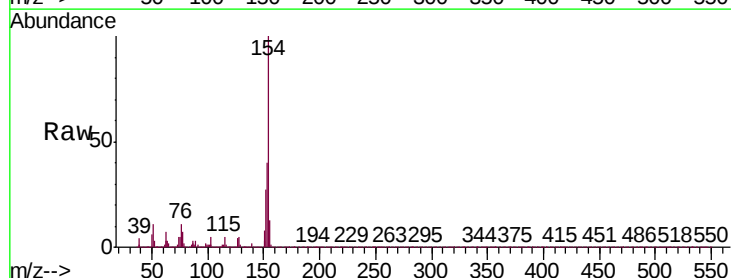
Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Tgt Ion:154 Resp: 286443

Ion	Ratio	Lower	Upper
154	100		
153	40.1	19.5	59.5
76	11.1	0.0	33.1

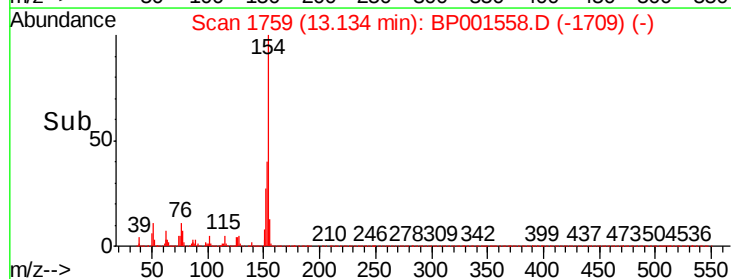
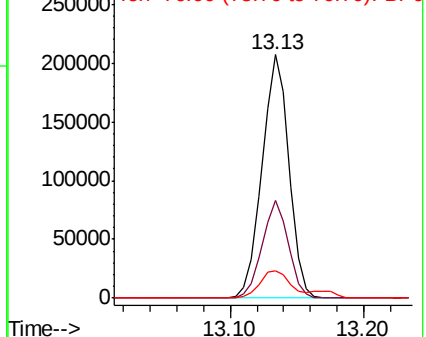


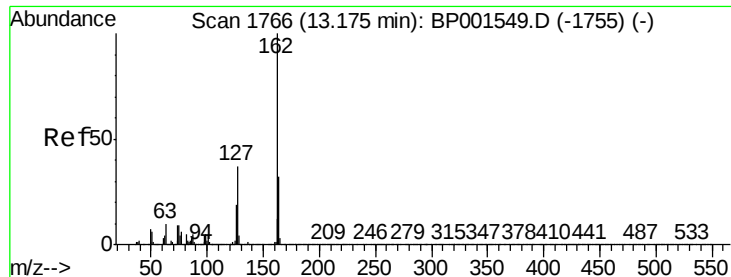
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BPO

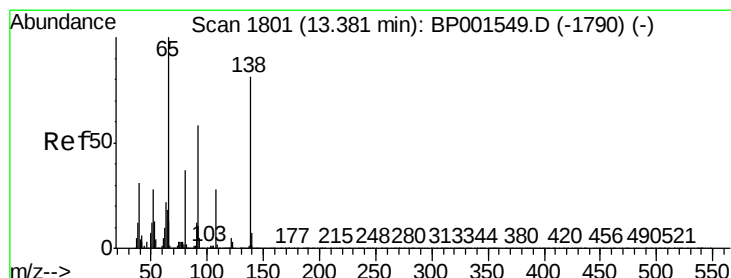
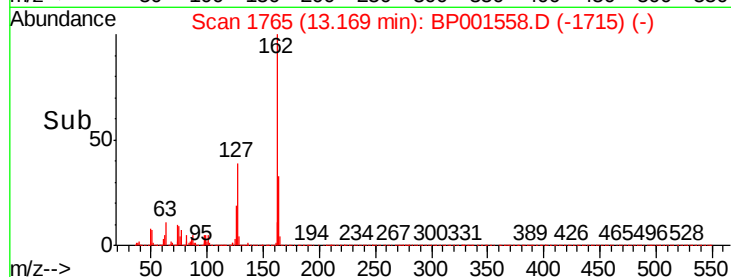
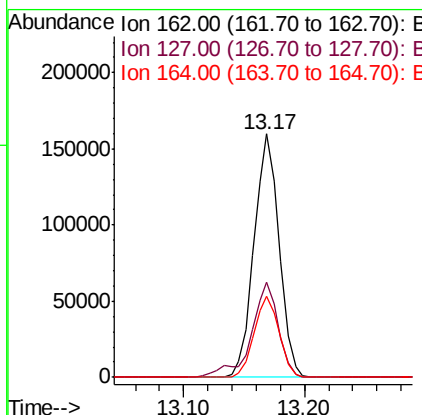
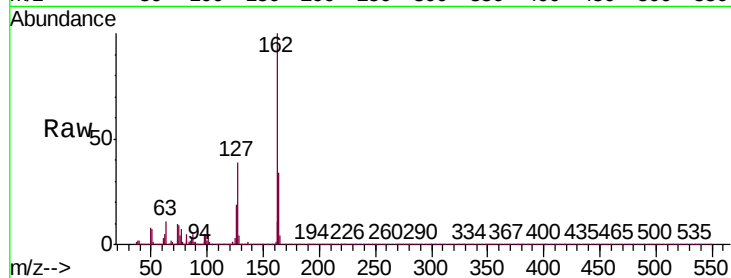




#47
 2-Chloronaphthalene
 Concen: 37.864 ng
 RT: 13.17 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

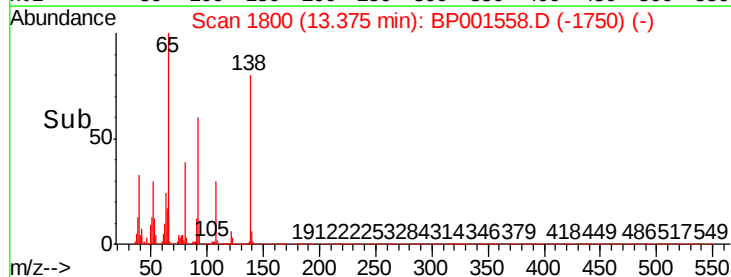
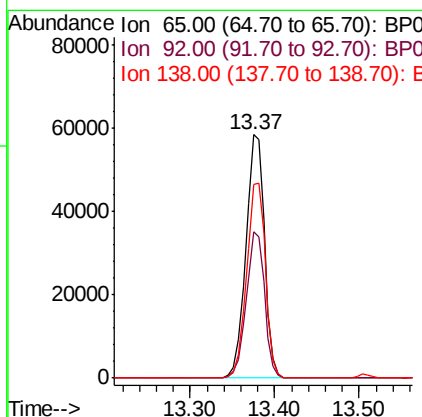
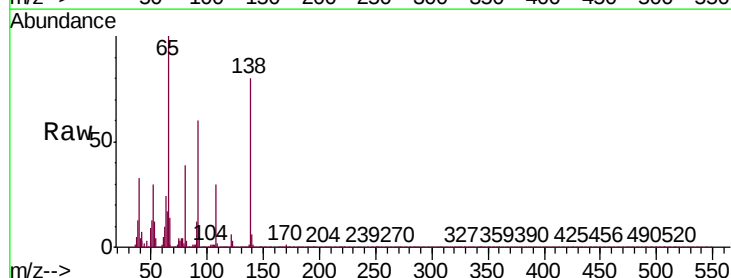
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

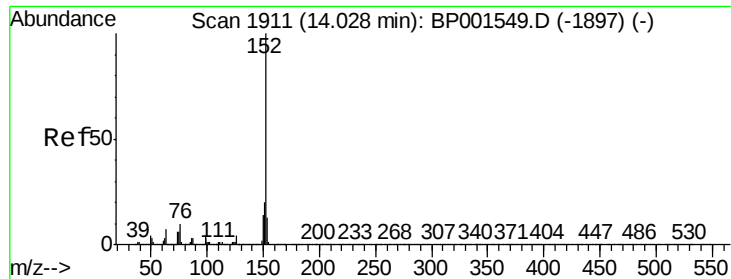
Tgt Ion:	162	Resp:	230620
Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.9	44.9
164	33.5	26.0	39.0



#48
 2-Nitroaniline
 Concen: 37.285 ng
 RT: 13.37 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion:	65	Resp:	89221
Ion	Ratio	Lower	Upper
65	100		
92	60.1	46.2	69.2
138	79.7	64.7	97.1





#49

Acenaphthylene

Concen: 40.163 ng

RT: 14.02 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

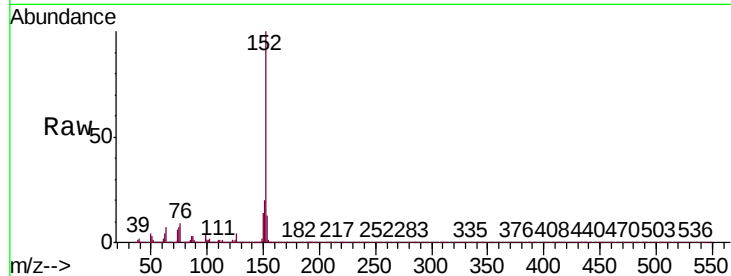
Tgt Ion:152 Resp: 377268

Ion Ratio Lower Upper

152 100

151 20.4 15.9 23.9

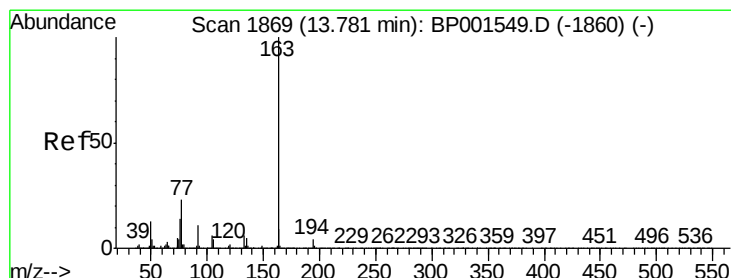
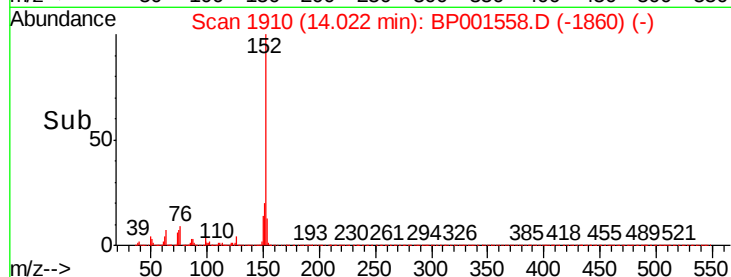
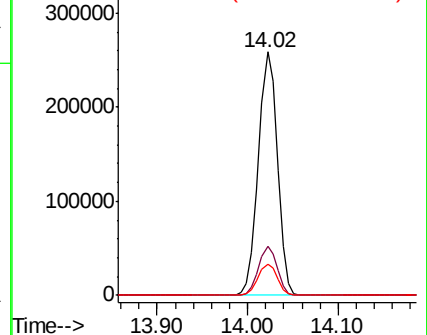
153 13.0 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.689 ng

RT: 13.78 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

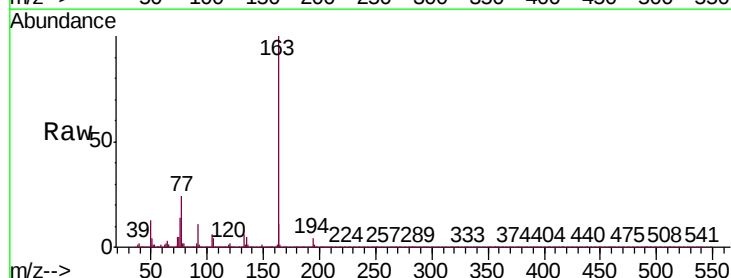
Tgt Ion:163 Resp: 317464

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

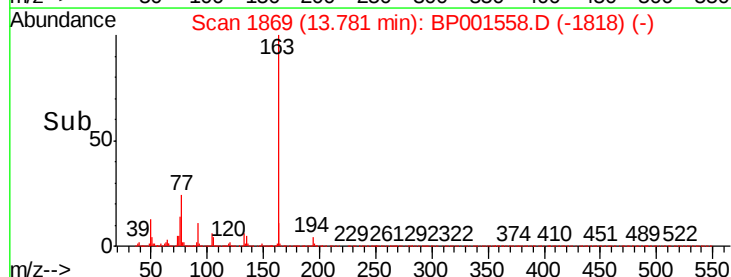
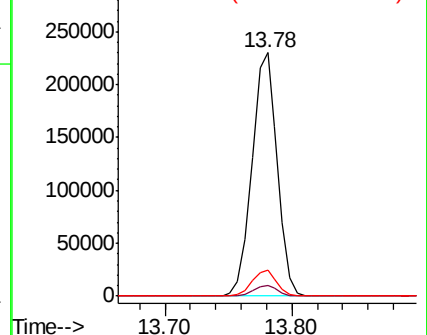
164 10.6 7.5 11.3

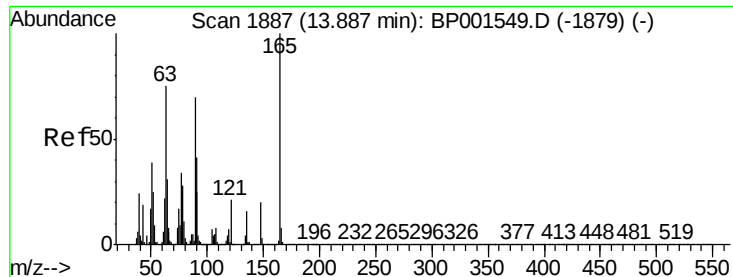


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

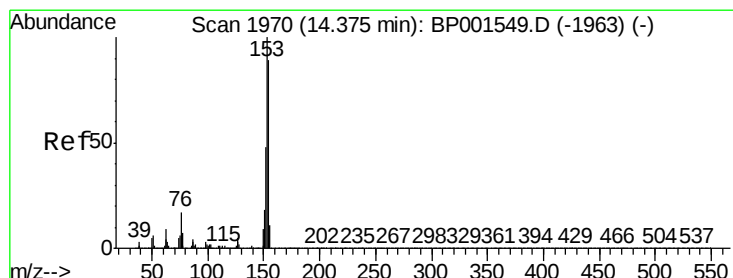
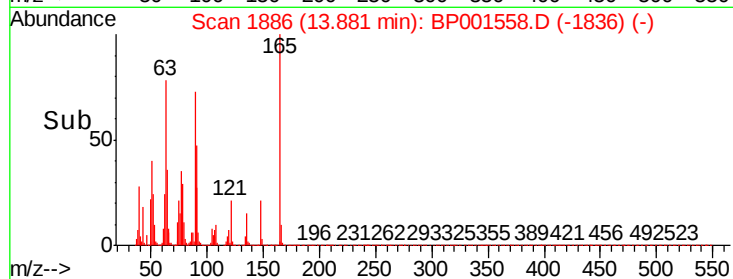
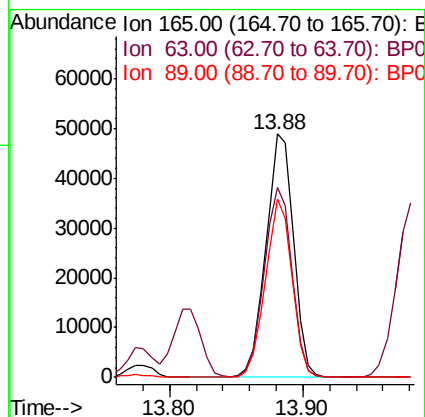
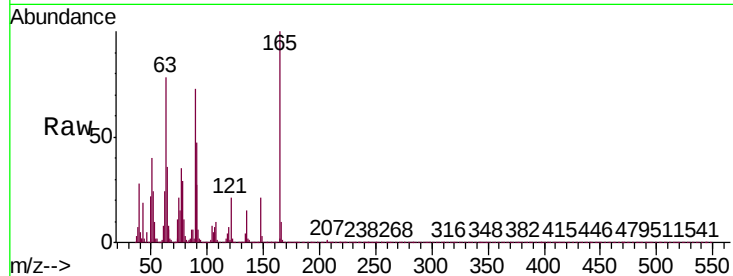




#51
2,6-Dinitrotoluene
Concen: 39.320 ng
RT: 13.88 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

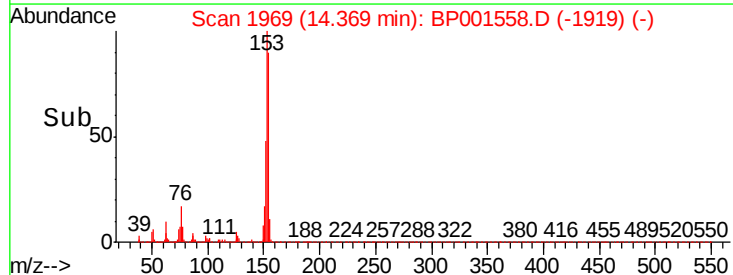
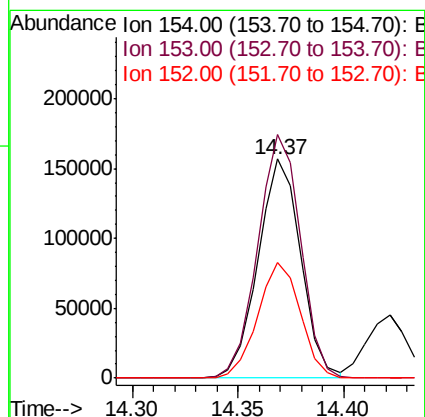
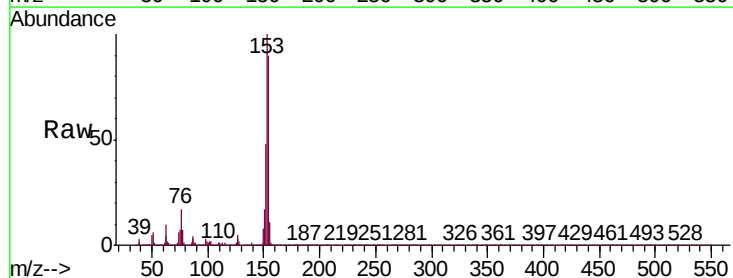
Instrument :
BNA_P
ClientSampleId :
PB125875BS

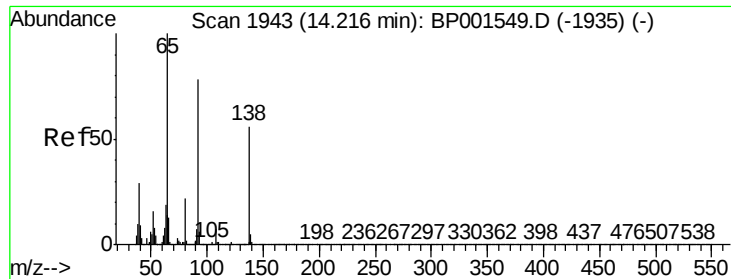
Tgt Ion:165 Resp: 70235
Ion Ratio Lower Upper
165 100
63 78.2 60.9 91.3
89 73.3 55.7 83.5



#52
Acenaphthene
Concen: 37.933 ng
RT: 14.37 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:154 Resp: 220679
Ion Ratio Lower Upper
154 100
153 111.3 89.4 134.2
152 53.1 42.6 64.0

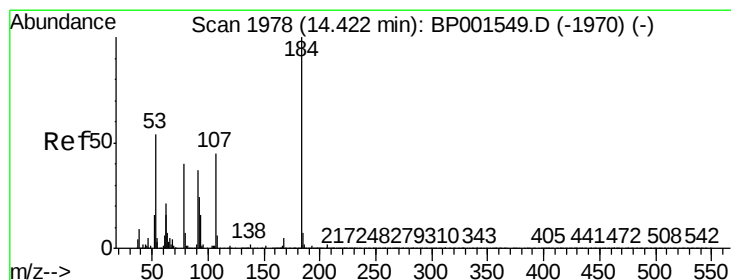
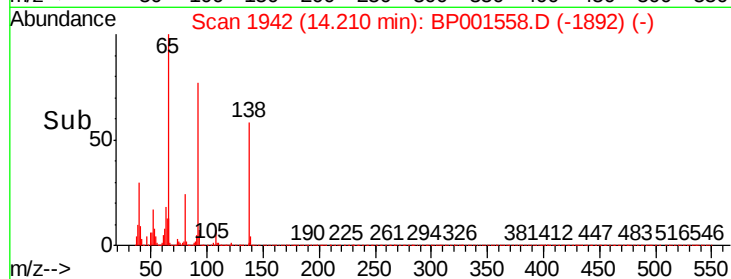
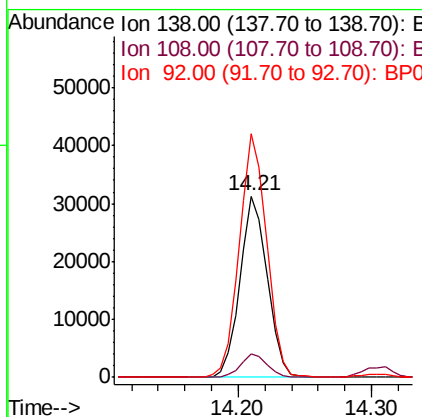
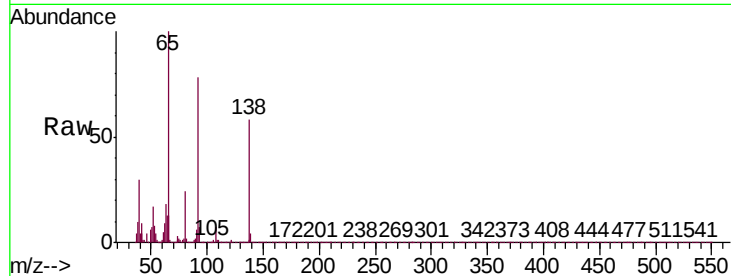




#53
3-Nitroaniline
Concen: 23.390 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

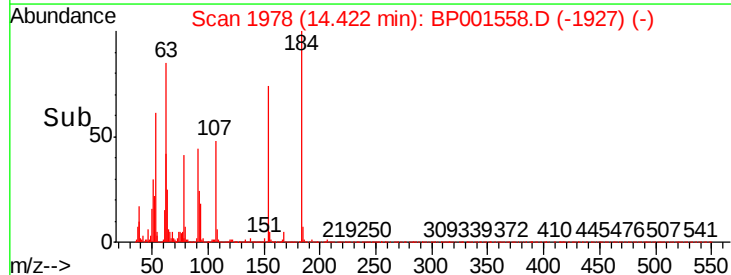
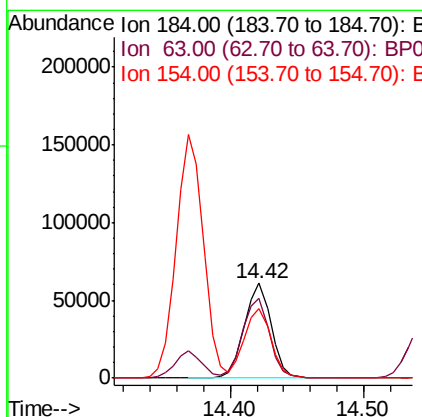
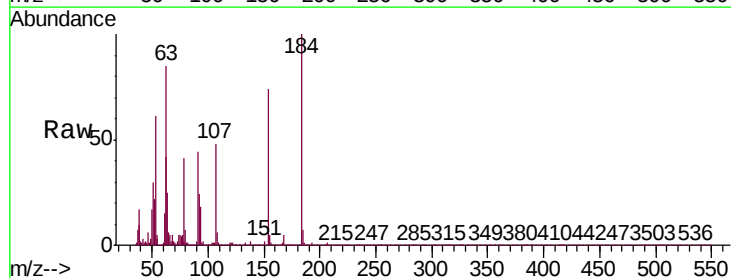
Instrument :
BNA_P
ClientSampleId :
PB125875BS

Tgt Ion:138 Resp: 44113
Ion Ratio Lower Upper
138 100
108 13.0 9.9 14.9
92 134.4 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 83.767 ng
RT: 14.42 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:184 Resp: 84132
Ion Ratio Lower Upper
184 100
63 84.6 59.7 89.5
154 73.8 53.9 80.9





#55

Dibenzofuran

Concen: 39.311 ng

RT: 14.71 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

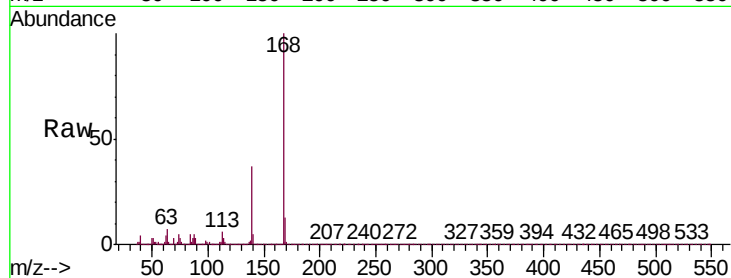
Tgt Ion:168 Resp: 386738

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

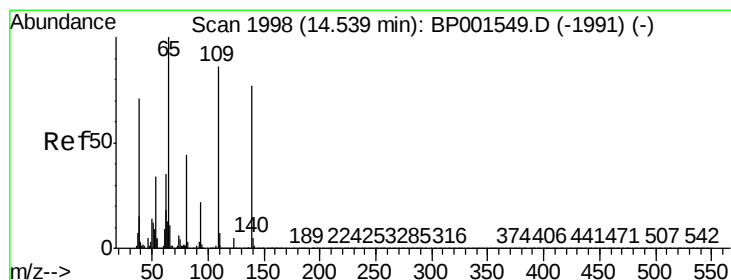
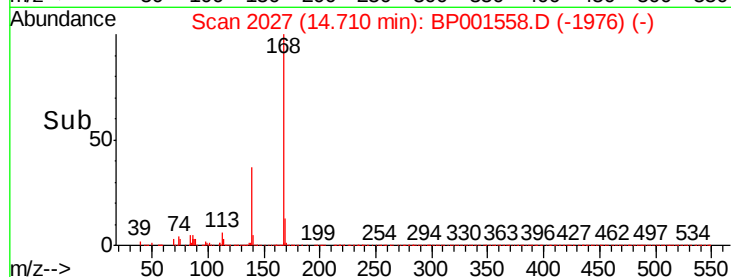
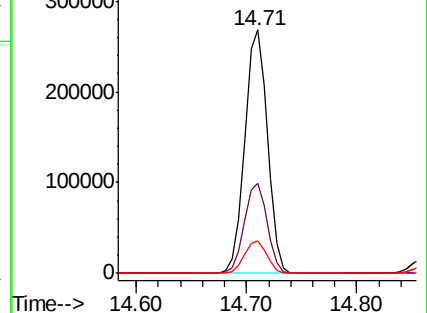
169 13.2 10.6 16.0



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: 84.051 ng

RT: 14.55 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

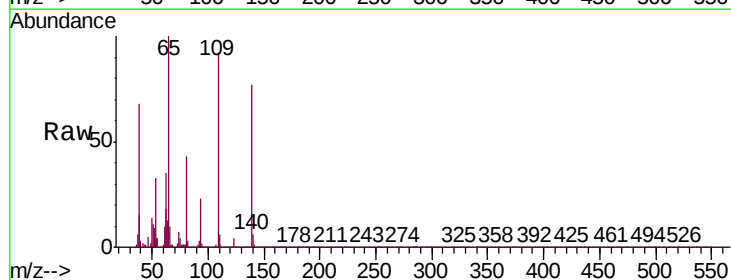
Tgt Ion:139 Resp: 126581

Ion Ratio Lower Upper

139 100

109 120.0 92.7 132.7

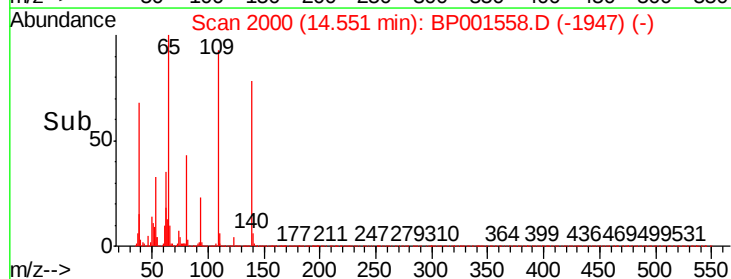
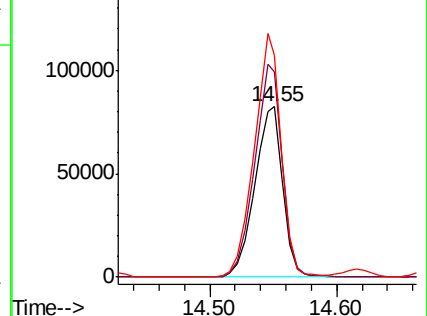
65 130.1 111.1 151.1

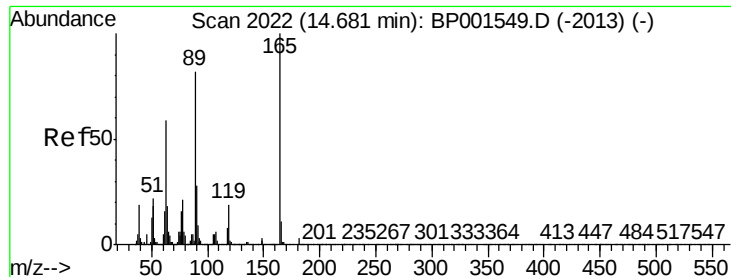


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

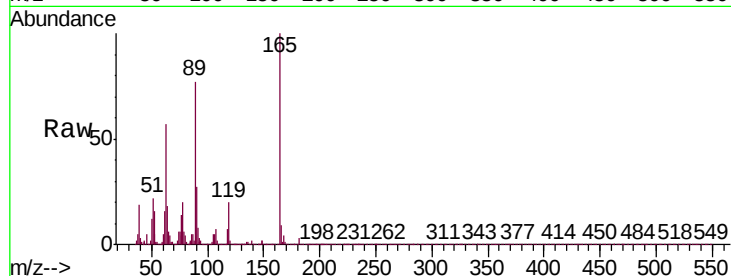




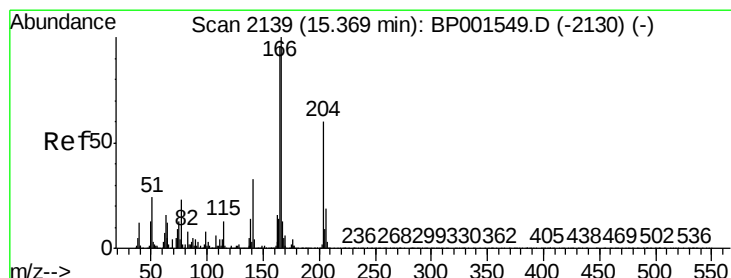
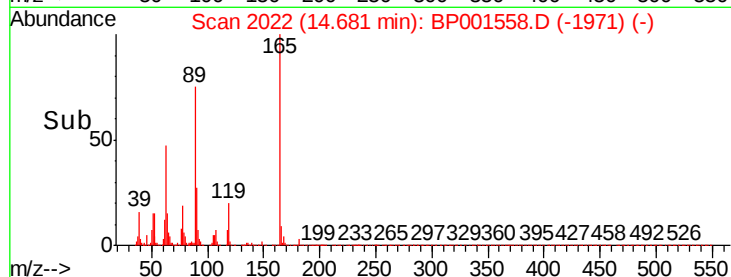
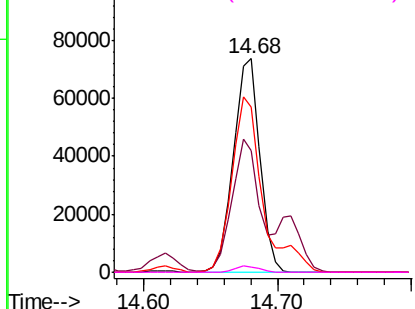
#57
2,4-Dinitrotoluene
Concen: 38.972 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Instrument :
BNA_P
ClientSampleId :
PB125875BS

Tgt Ion:	165	Resp:	101857
Ion	Ratio	Lower	Upper
165	100		
63	57.2	47.3	70.9
89	77.1	65.4	98.0
182	2.6	2.5	3.7

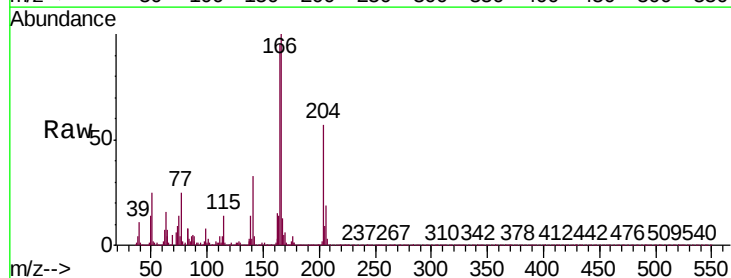


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

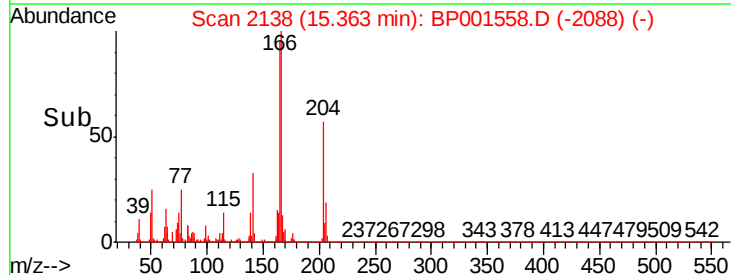
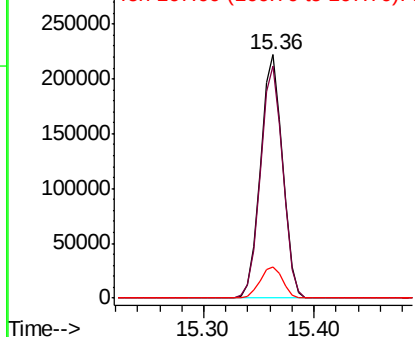


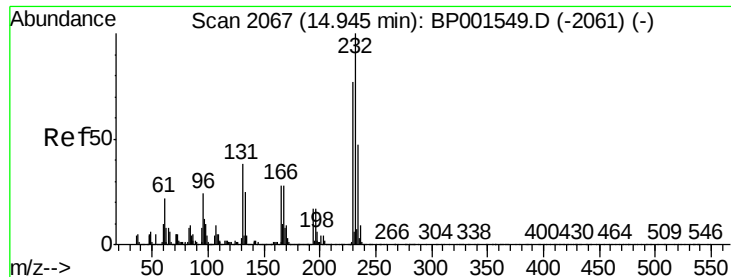
#58
Fluorene
Concen: 39.091 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:	166	Resp:	311189
Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.9	115.3
167	12.6	10.3	15.5



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

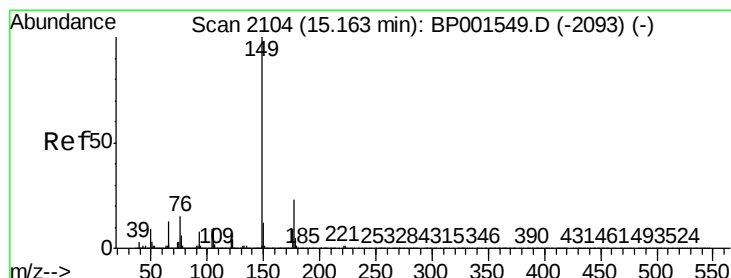
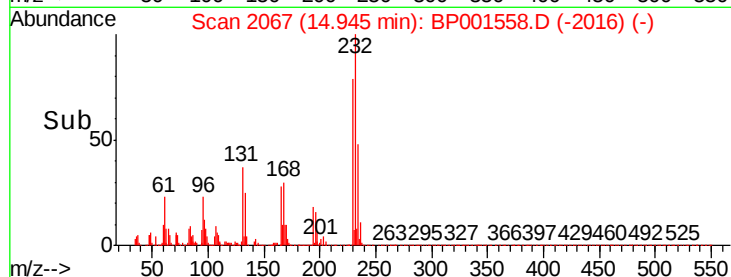
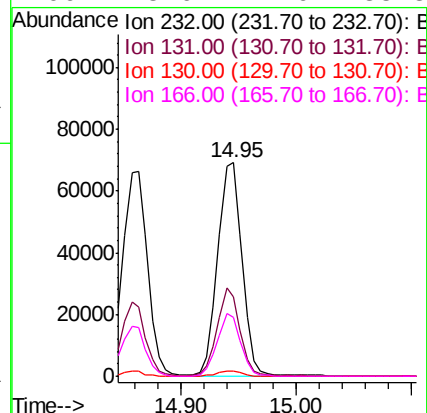
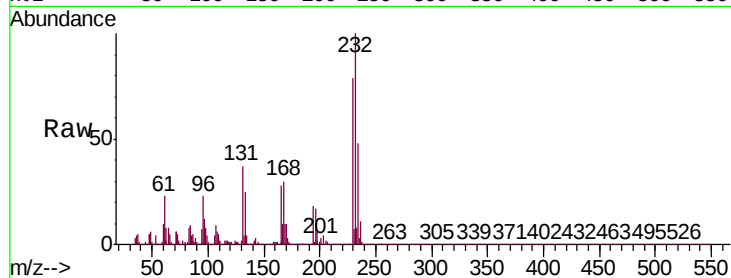




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.961 ng
 RT: 14.95 min Scan# 2067
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

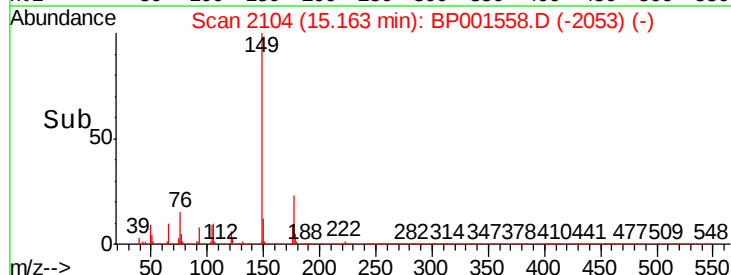
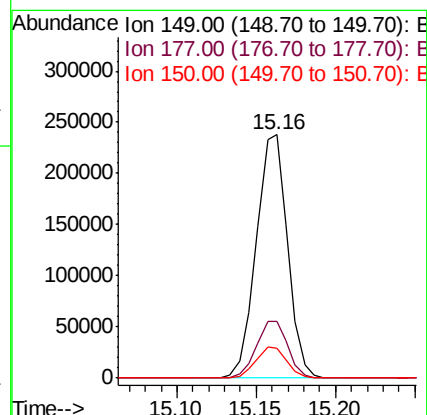
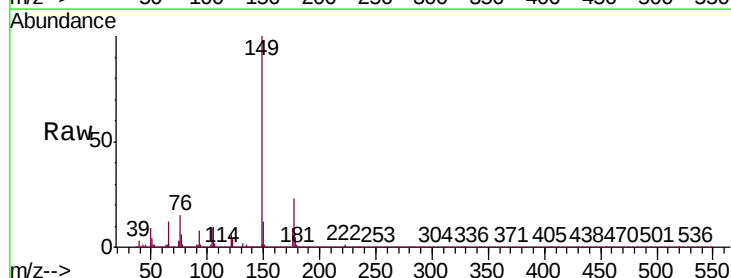
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

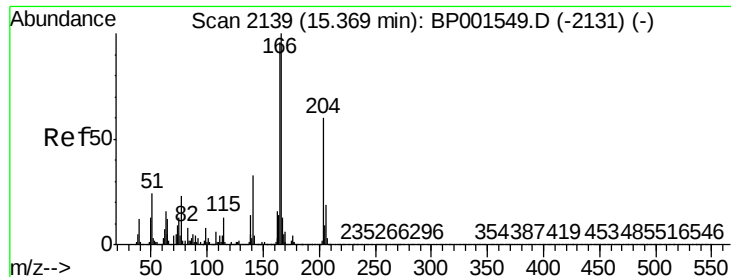
Tgt Ion:	232	Resp:	101552
Ion	Ratio	Lower	Upper
232	100		
131	38.3	31.3	46.9
130	2.5	2.0	3.0
166	28.6	22.6	33.8



#60
 Diethylphthalate
 Concen: 37.759 ng
 RT: 15.16 min Scan# 2104
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion:	149	Resp:	327127
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.4	27.6
150	12.1	10.0	15.0

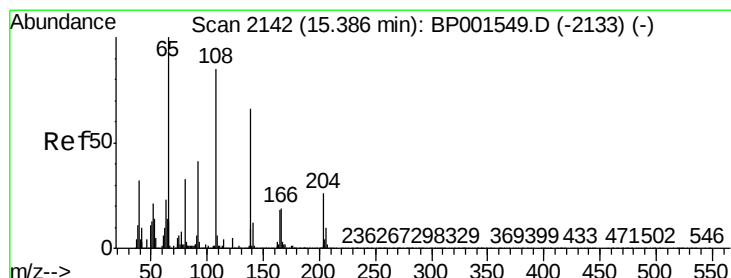
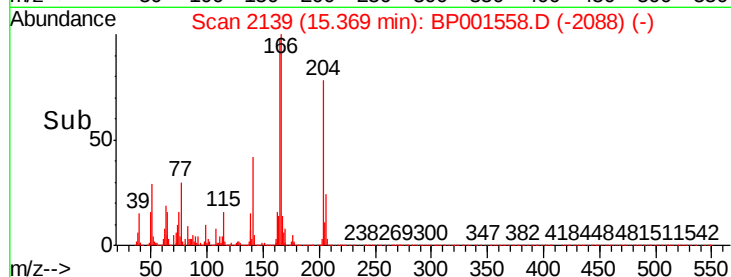
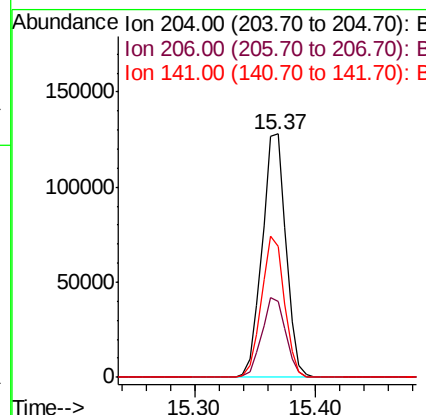
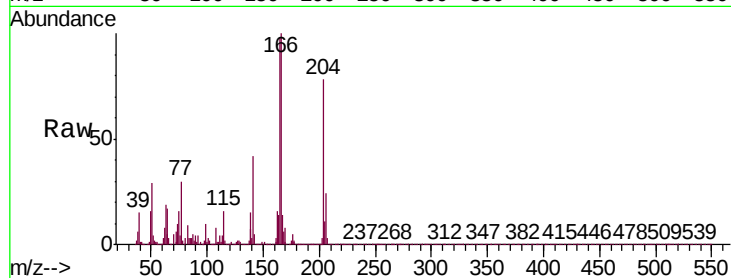




#61
4-Chlorophenyl-phenylether
Concen: 38.681 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

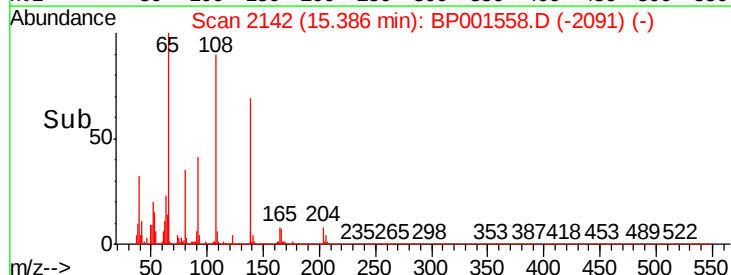
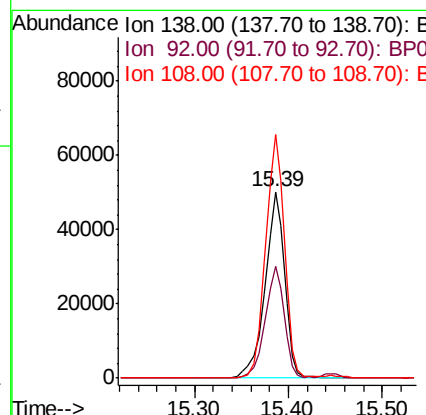
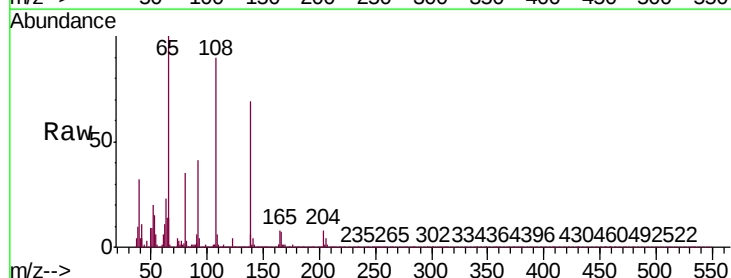
Instrument :
BNA_P
ClientSampleId :
PB125875BS

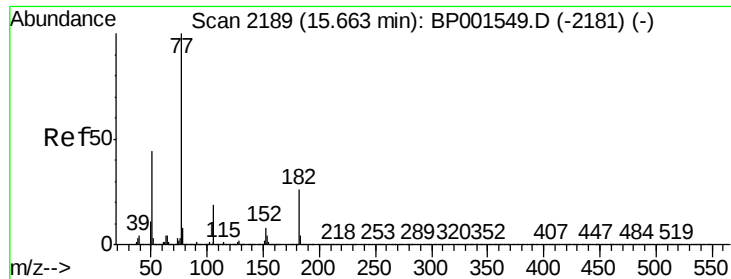
Tgt Ion:204 Resp: 176233
Ion Ratio Lower Upper
204 100
206 31.0 25.4 38.0
141 53.8 43.8 65.6



#62
4-Nitroaniline
Concen: 33.602 ng
RT: 15.39 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:138 Resp: 72253
Ion Ratio Lower Upper
138 100
92 59.6 42.7 82.7
108 130.6 108.6 148.6





#63

Azobenzene

Concen: 40.177 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

Tgt Ion: 77 Resp: 347795

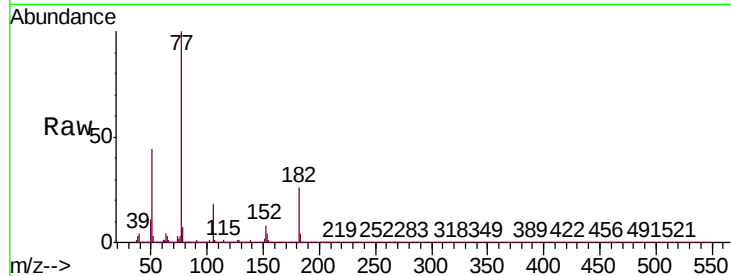
Ion Ratio Lower Upper

77 100

182 25.7 5.8 45.8

105 18.3 0.0 39.3

51 44.3 23.6 63.6

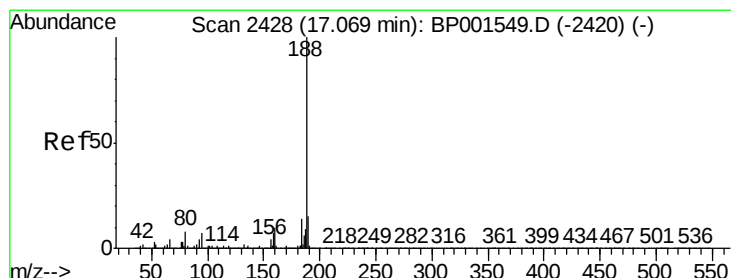
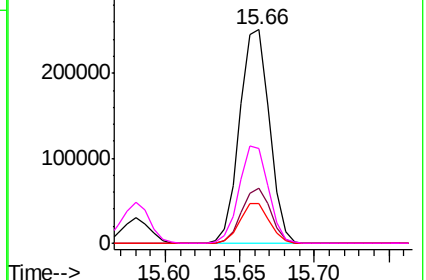
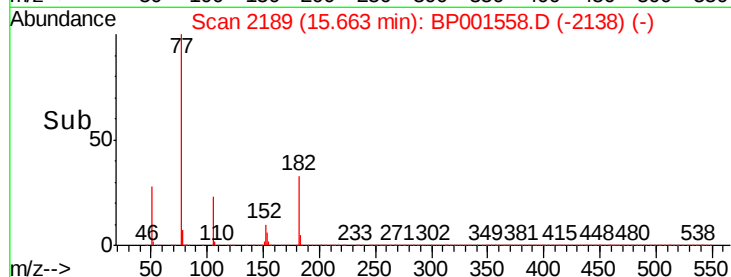


Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BP0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.06 min Scan# 2427

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

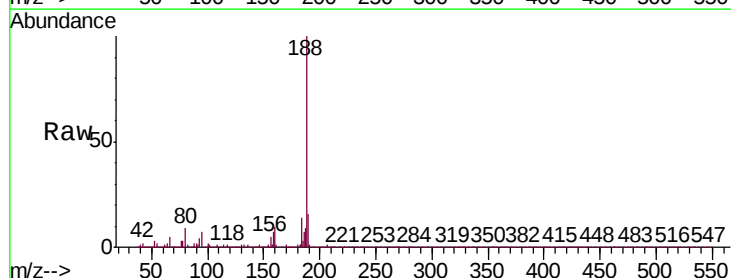
Tgt Ion: 188 Resp: 274198

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

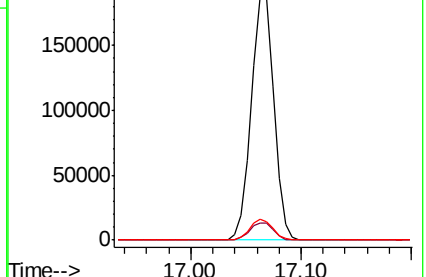
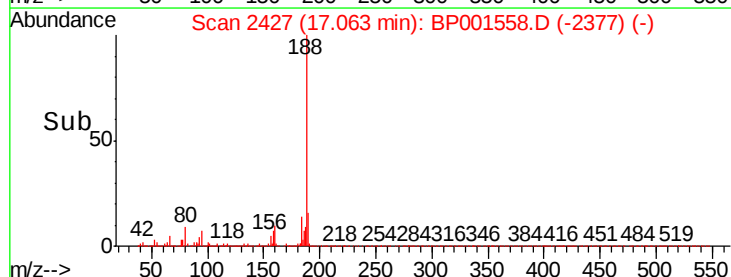
80 8.8 6.8 10.2

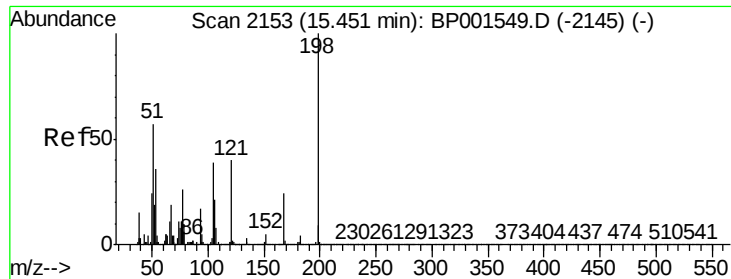


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

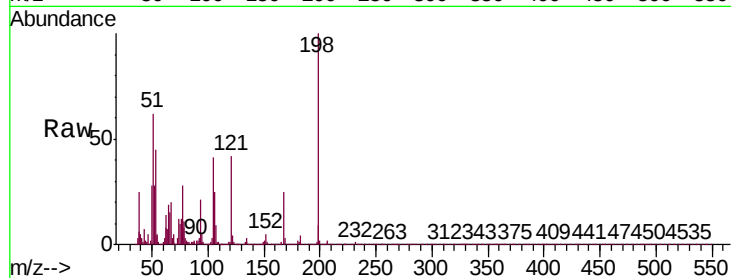




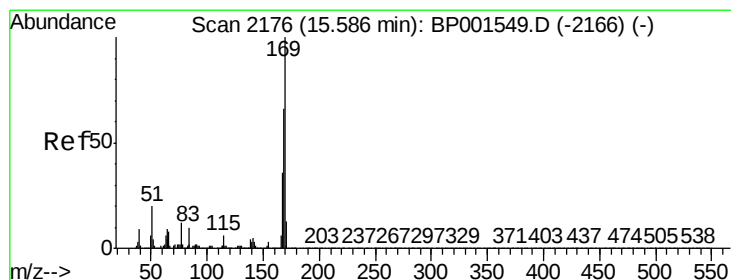
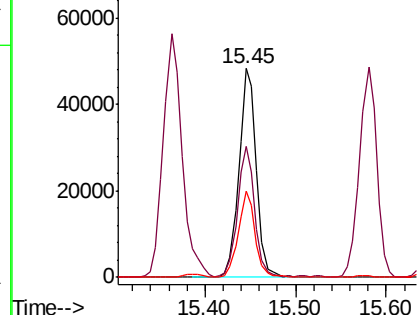
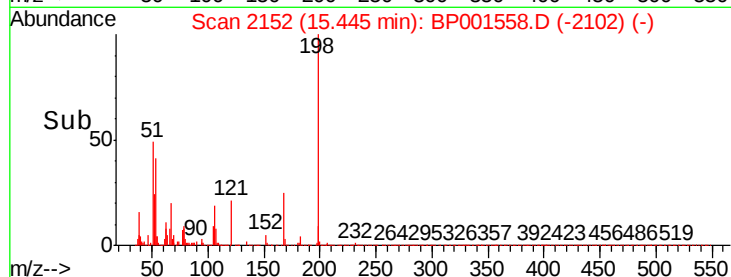
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.466 ng
 RT: 15.45 min Scan# 2152
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

Tgt Ion:198 Resp: 64436
 Ion Ratio Lower Upper
 198 100
 51 62.5 39.4 79.4
 105 41.5 19.7 59.7

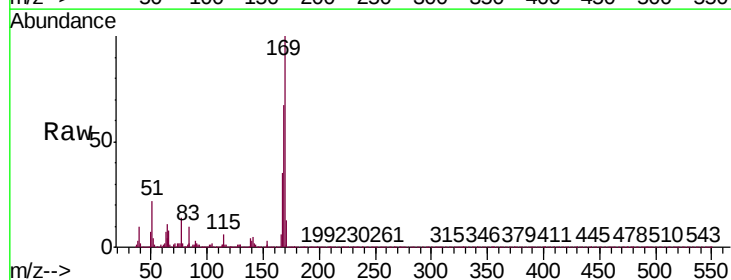


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BPO
 Ion 105.00 (104.70 to 105.70): E

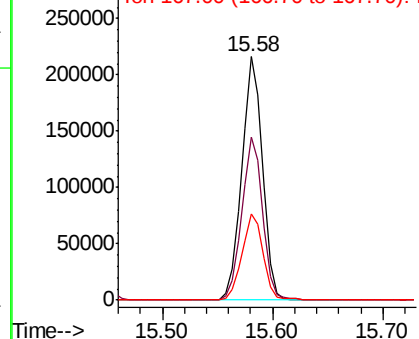
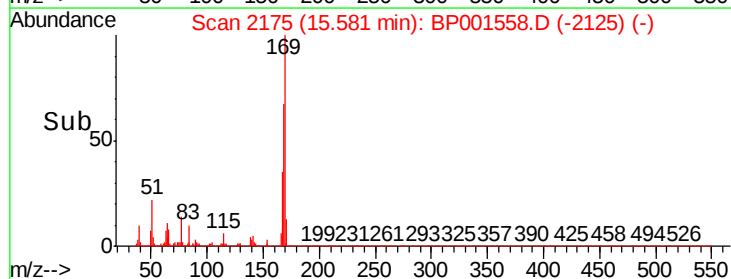


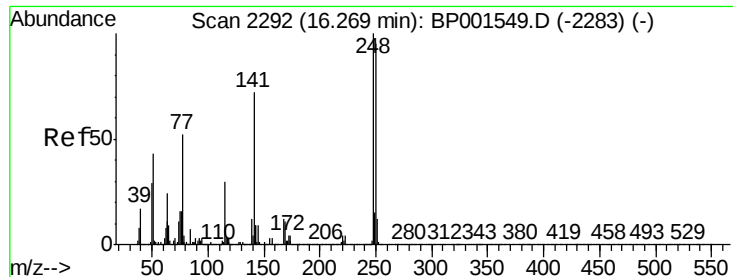
#66
 n-Nitrosodiphenylamine
 Concen: 39.103 ng
 RT: 15.58 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion:169 Resp: 284046
 Ion Ratio Lower Upper
 169 100
 168 67.1 53.1 79.7
 167 35.4 28.9 43.3



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

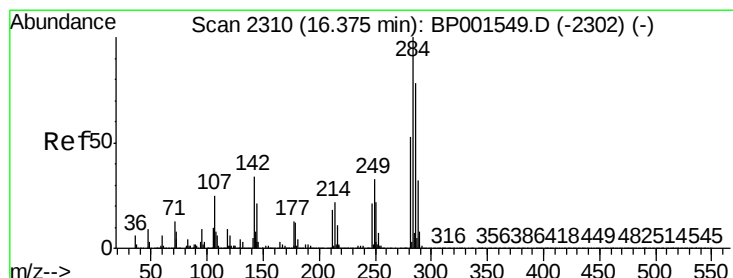
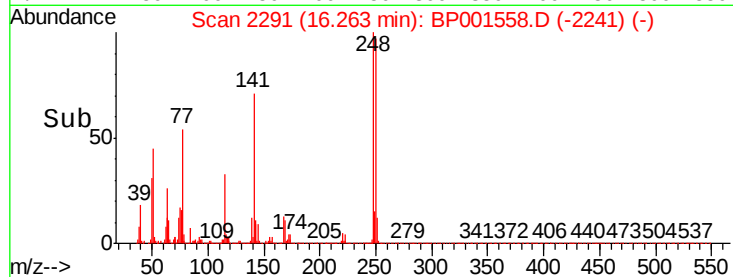
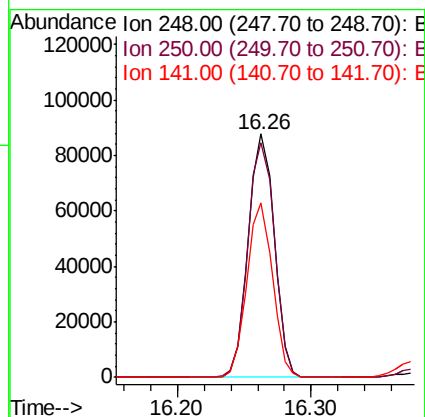
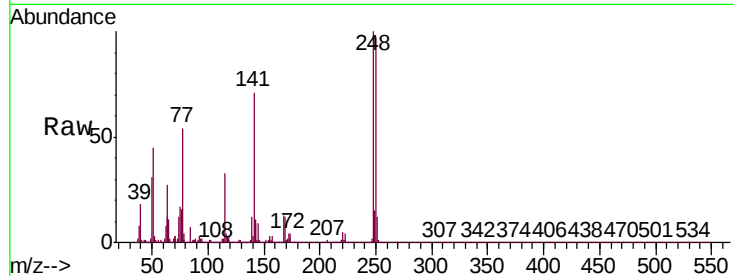




#67
4-Bromophenyl-phenylether
Concen: 38.083 ng
RT: 16.26 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

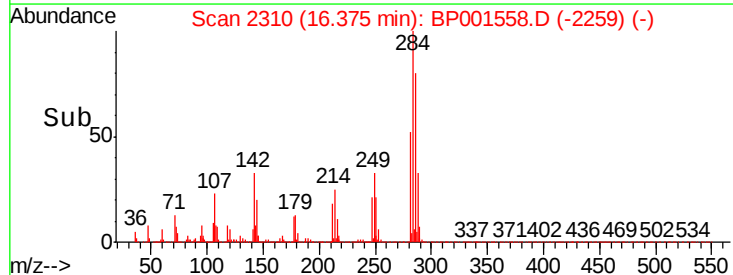
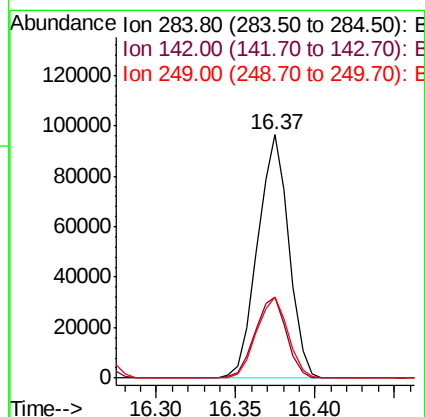
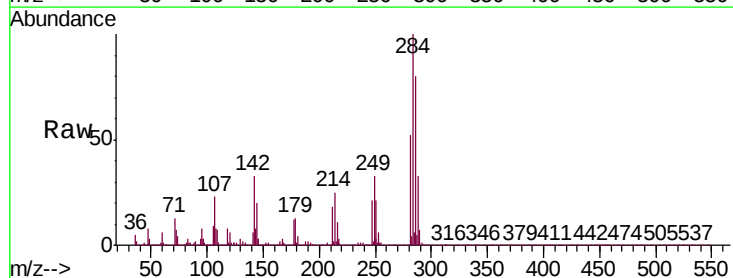
Instrument :
BNA_P
ClientSampleId :
PB125875BS

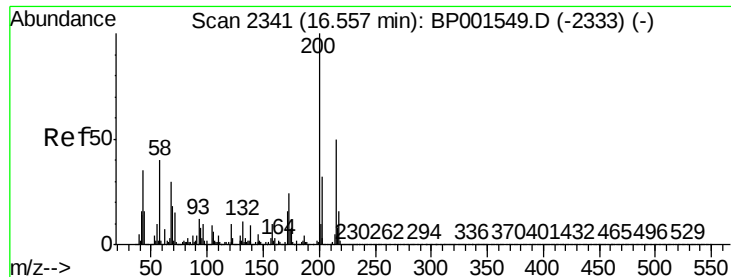
Tgt Ion:248 Resp: 117802
Ion Ratio Lower Upper
248 100
250 96.6 76.0 114.0
141 71.5 57.8 86.8



#68
Hexachlorobenzene
Concen: 36.764 ng
RT: 16.37 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:284 Resp: 132128
Ion Ratio Lower Upper
284 100
142 33.4 27.4 41.2
249 33.2 26.8 40.2





#69

Atrazine

Concen: 47.376 ng

RT: 16.55 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

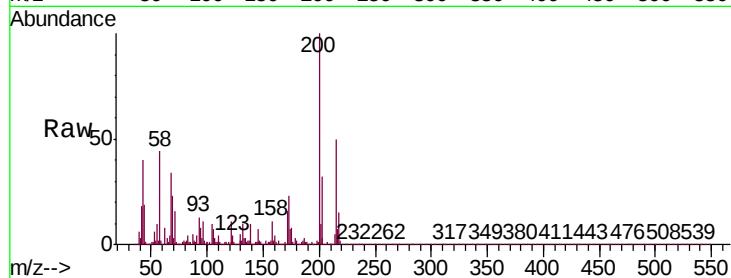
Tgt Ion:200 Resp: 126393

Ion Ratio Lower Upper

200 100

173 23.3 3.5 43.5

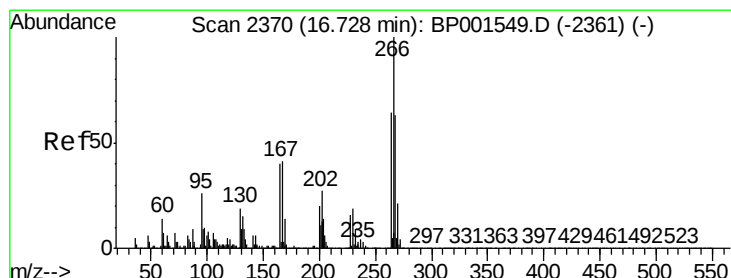
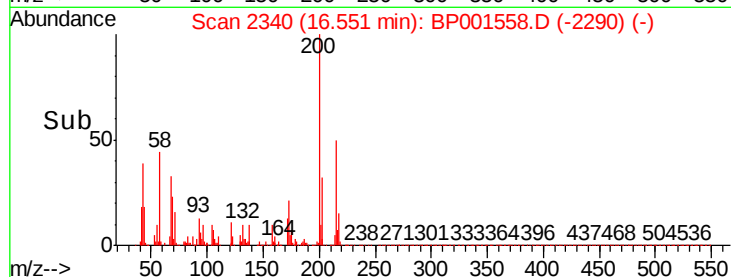
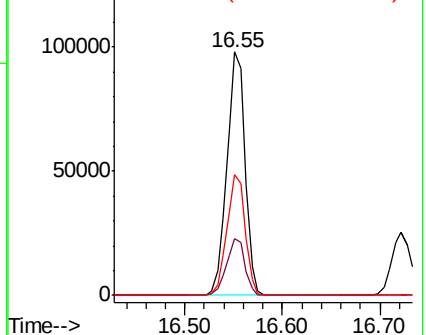
215 49.7 30.4 70.4



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: 86.256 ng

RT: 16.72 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

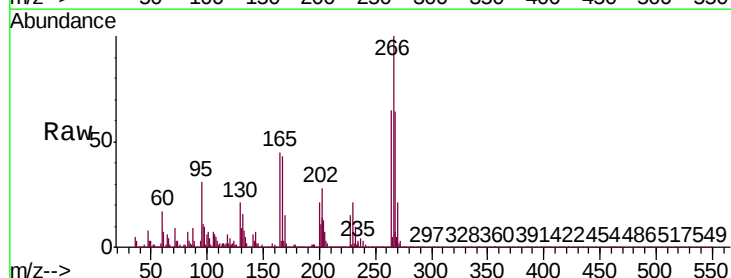
Tgt Ion:266 Resp: 171197

Ion Ratio Lower Upper

266 100

268 63.7 50.5 75.7

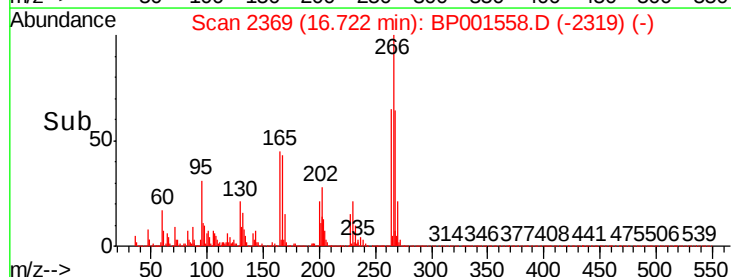
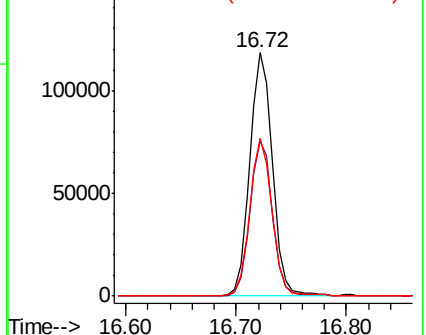
264 64.6 50.9 76.3

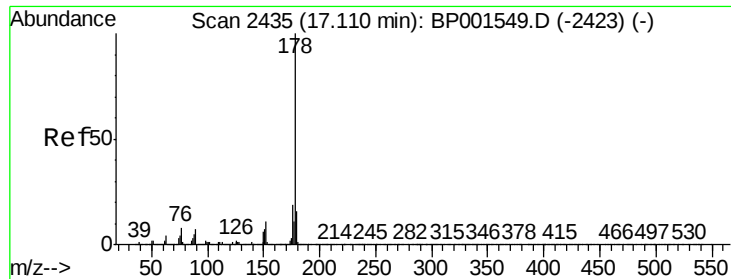


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

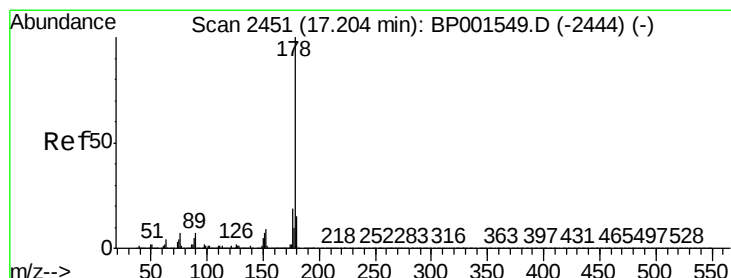
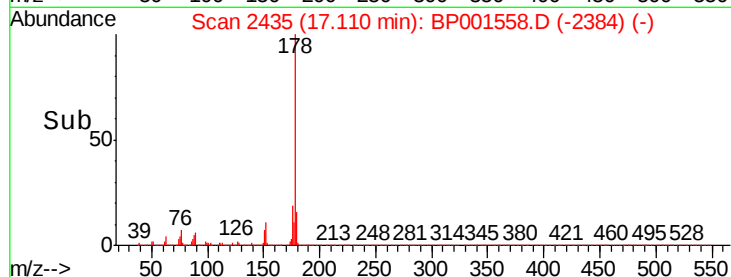
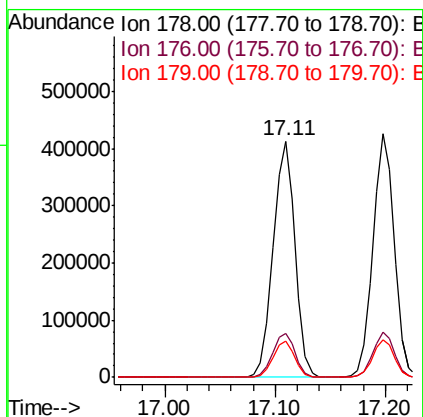
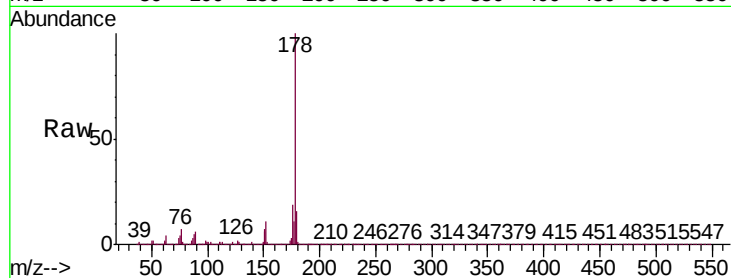




#71
Phenanthrene
Concen: 38.251 ng
RT: 17.11 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

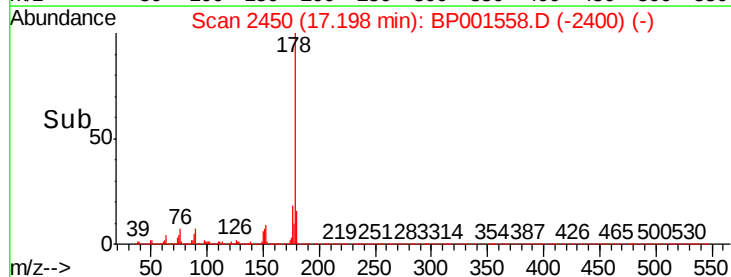
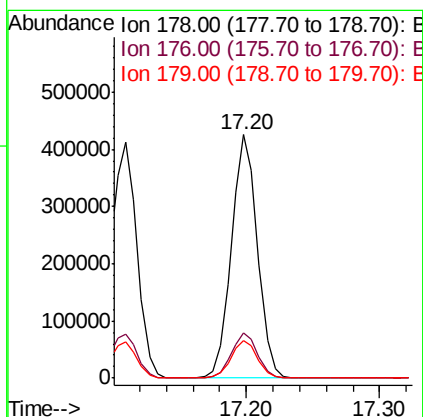
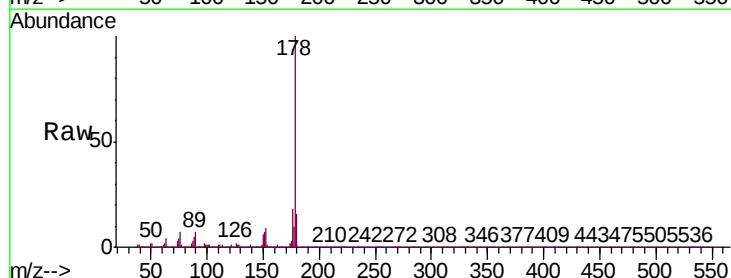
Instrument :
BNA_P
ClientSampleId :
PB125875BS

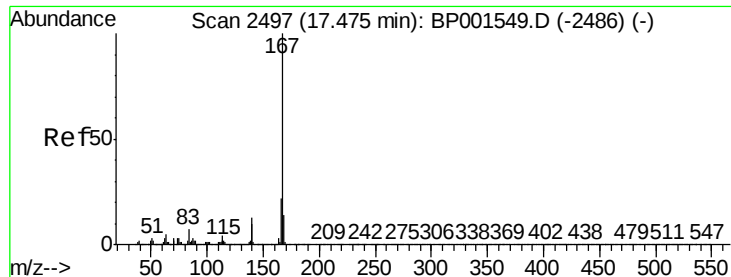
Tgt Ion:178 Resp: 570390
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.5 12.5 18.7



#72
Anthracene
Concen: 39.788 ng
RT: 17.20 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:178 Resp: 577585
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 11.8 17.8





#73

Carbazole

Concen: 38.399 ng

RT: 17.47 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

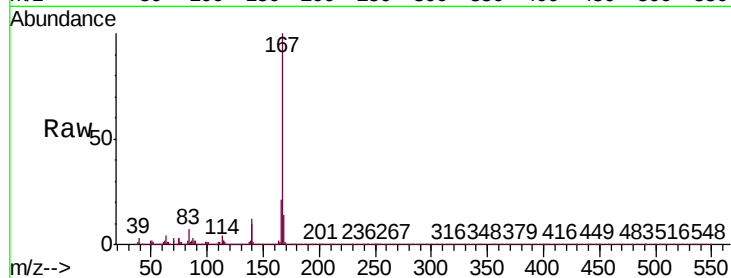
Tgt Ion:167 Resp: 523339

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

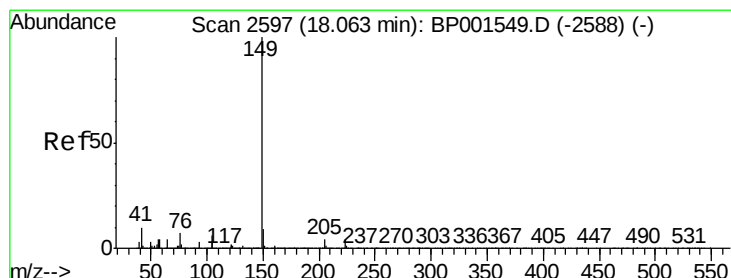
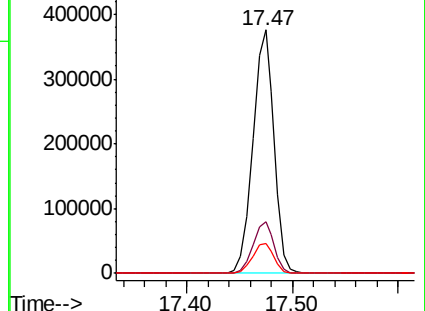
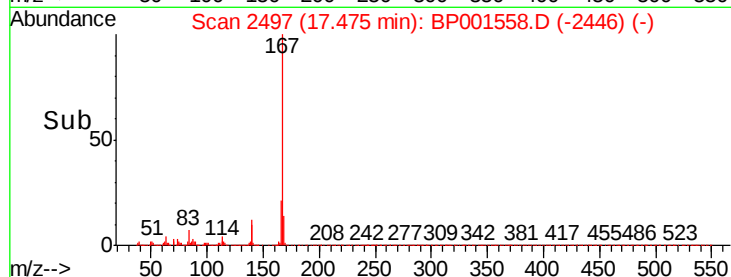
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 37.774 ng

RT: 18.06 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

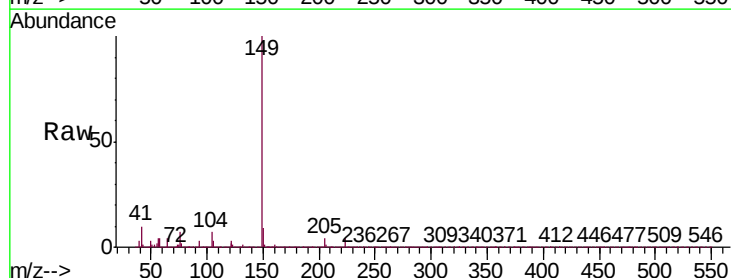
Tgt Ion:149 Resp: 609072

Ion Ratio Lower Upper

149 100

150 9.4 7.0 10.6

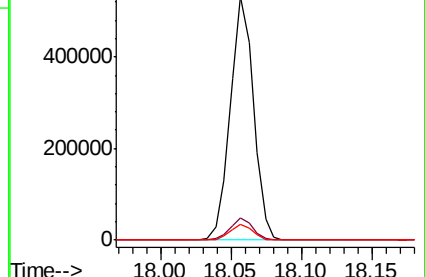
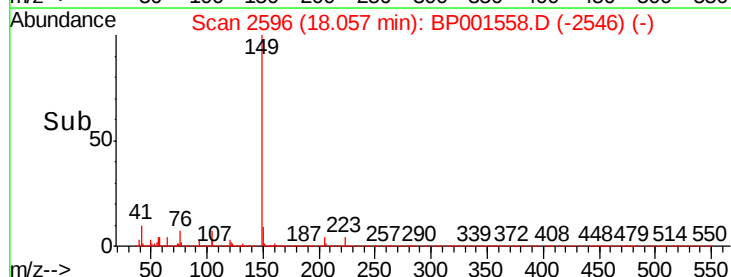
104 6.6 5.0 7.4

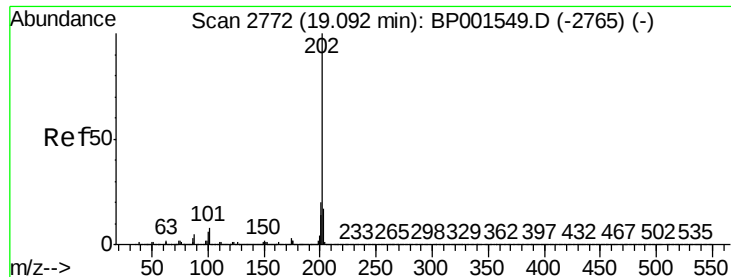


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

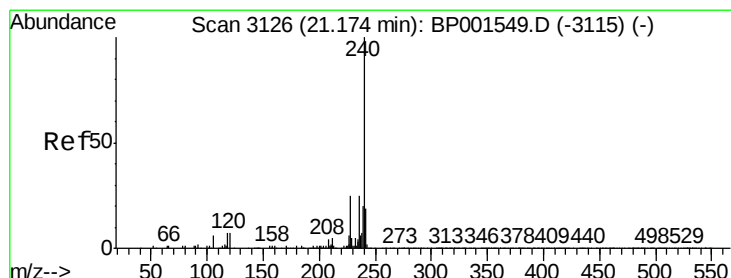
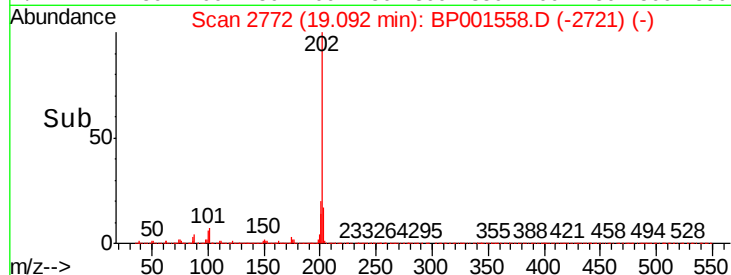
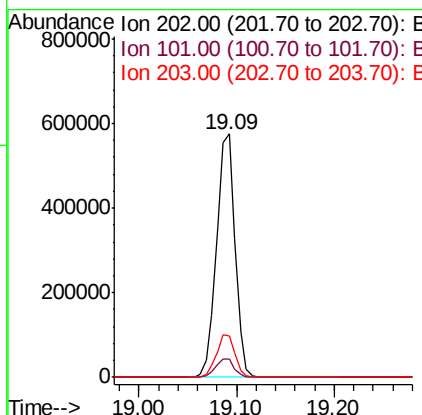
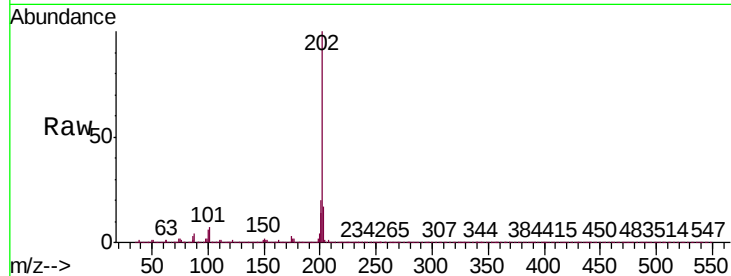




#75
 Fluoranthene
 Concen: 38.492 ng
 RT: 19.09 min Scan# 2772
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

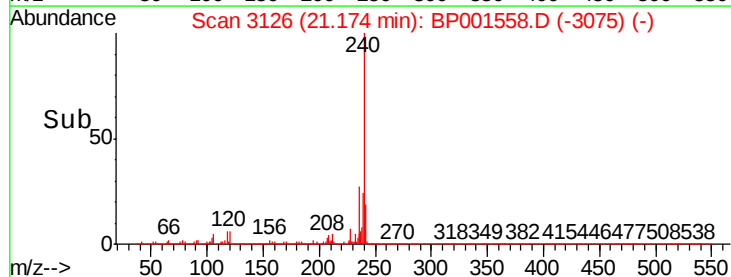
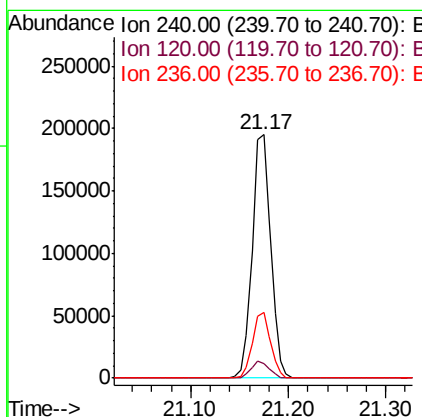
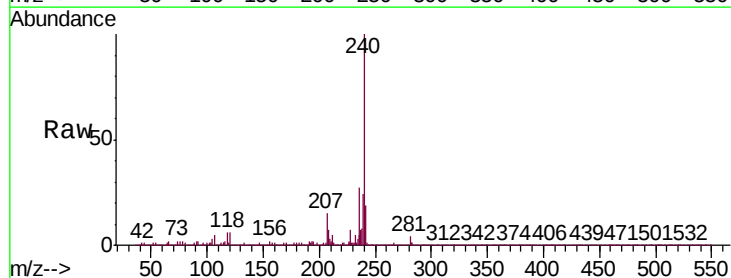
Instrument :
 BNA_P
 ClientSampleId :
 PB125875BS

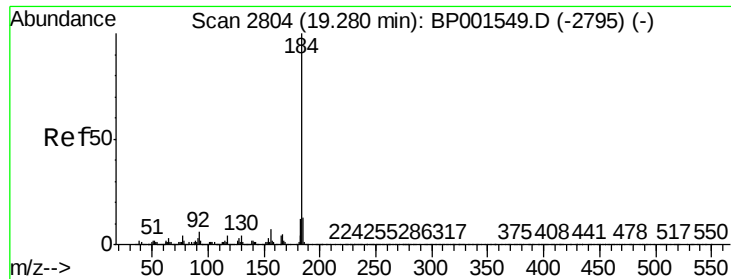
Tgt Ion:	202	Resp:	755253
Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.4
203	16.9	0.0	37.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.17 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BP001558.D
 Acq: 08 Jan 2020 18:37

Tgt Ion:	240	Resp:	257264
Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.7	8.5
236	27.0	20.4	30.6





#77

Benzidine

Concen: 52.528 ng

RT: 19.27 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

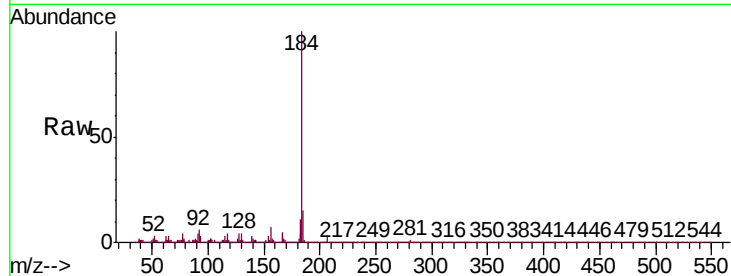
Tgt Ion:184 Resp: 308561

Ion Ratio Lower Upper

184 100

185 15.1 10.6 16.0

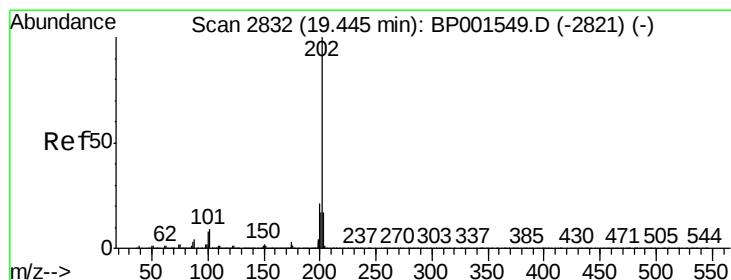
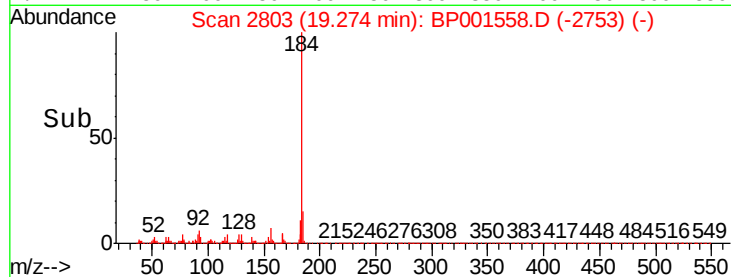
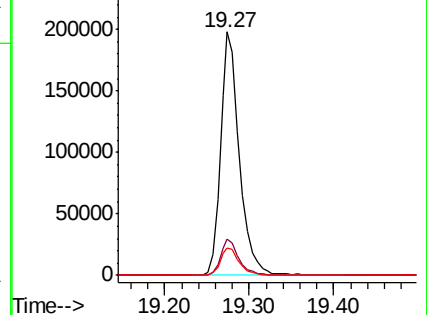
183 11.4 9.4 14.0



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: 39.636 ng

RT: 19.44 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

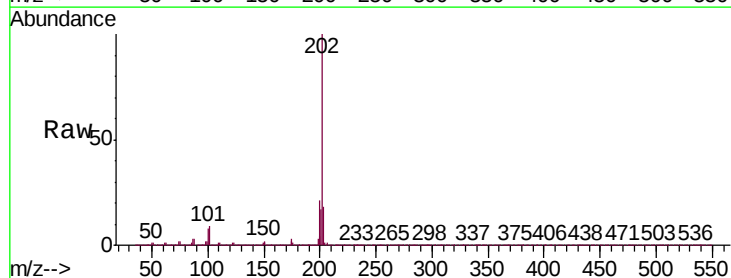
Tgt Ion:202 Resp: 749050

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

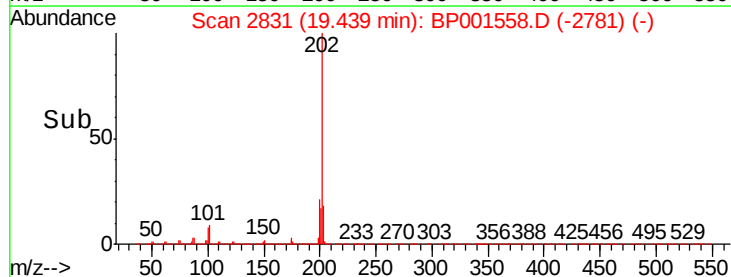
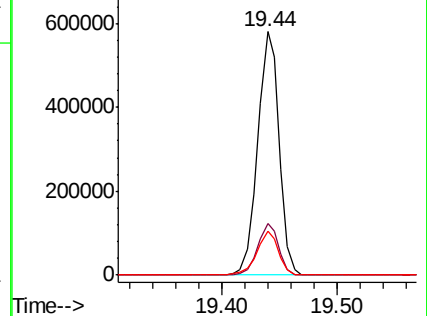
203 18.1 13.7 20.5

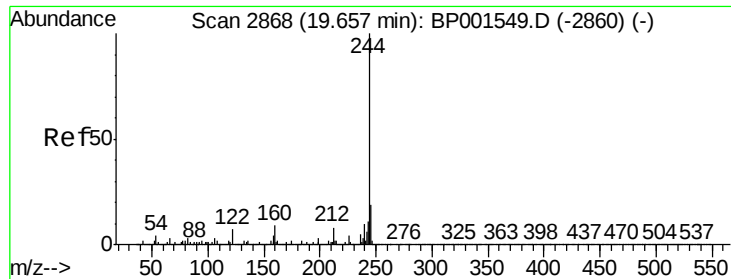


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.181 ng

RT: 19.65 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

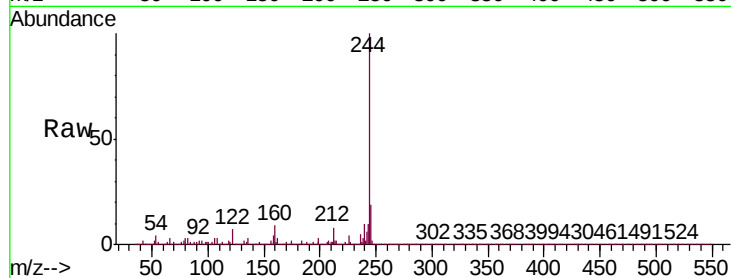
Tgt Ion:244 Resp: 1099654

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

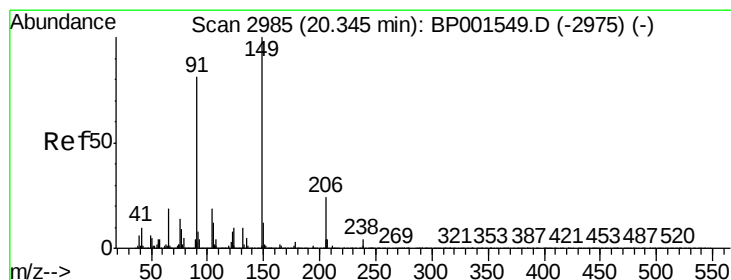
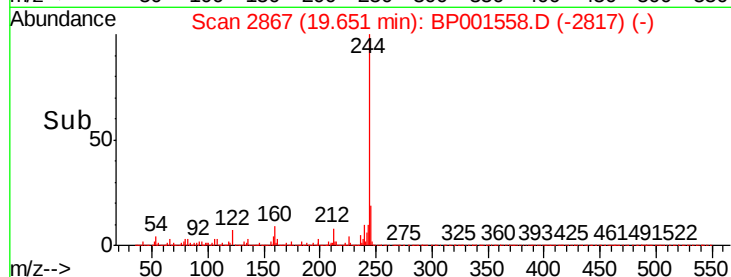
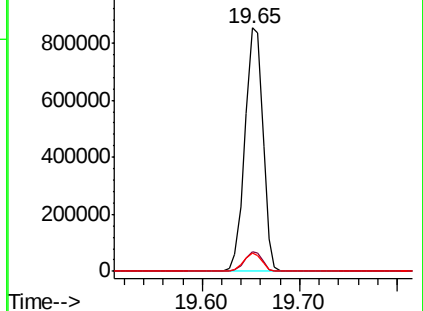
122 7.4 5.8 8.6



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: 38.492 ng

RT: 20.34 min Scan# 2984

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

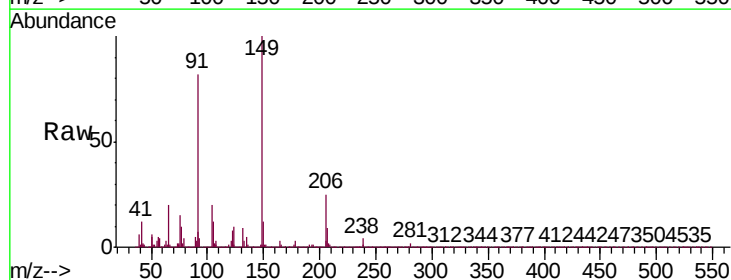
Tgt Ion:149 Resp: 276475

Ion Ratio Lower Upper

149 100

91 82.0 64.8 97.2

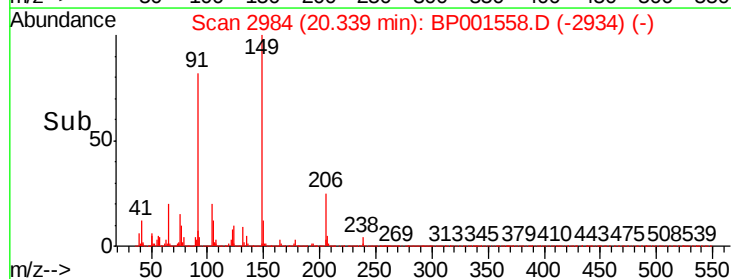
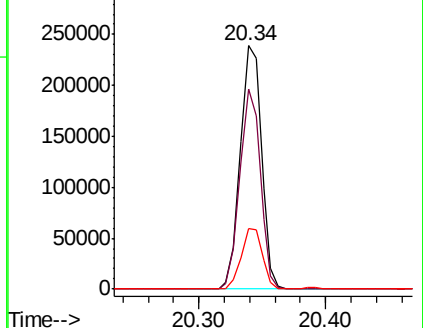
206 24.7 19.4 29.0

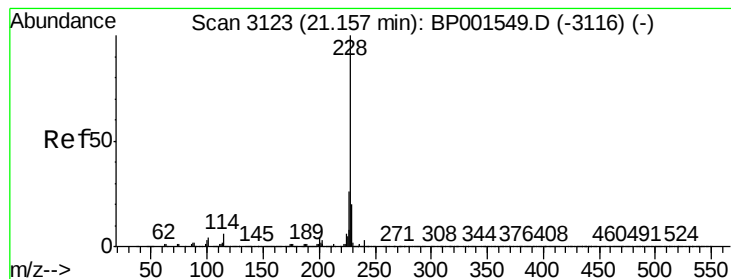


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.243 ng

RT: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

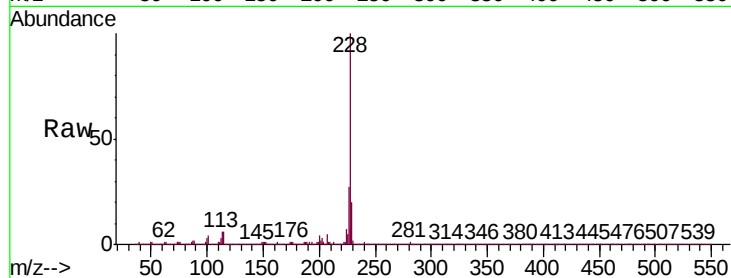
Tgt Ion: 228 Resp: 685195

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

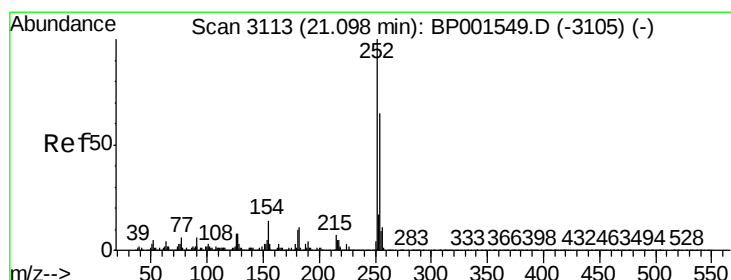
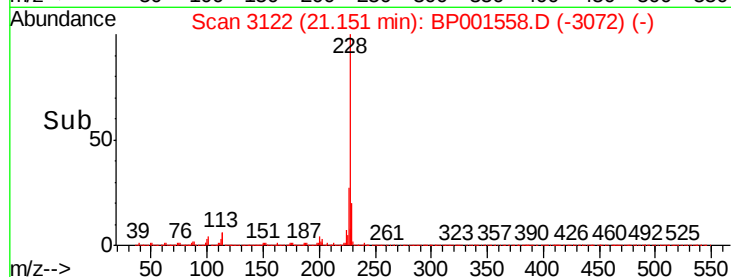
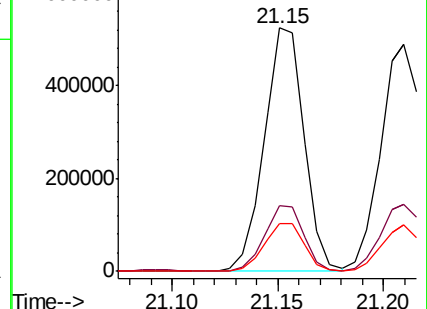
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.908 ng

RT: 21.09 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

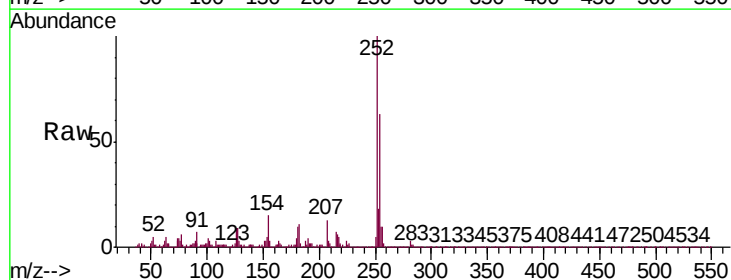
Tgt Ion: 252 Resp: 234535

Ion Ratio Lower Upper

252 100

254 62.5 52.2 78.2

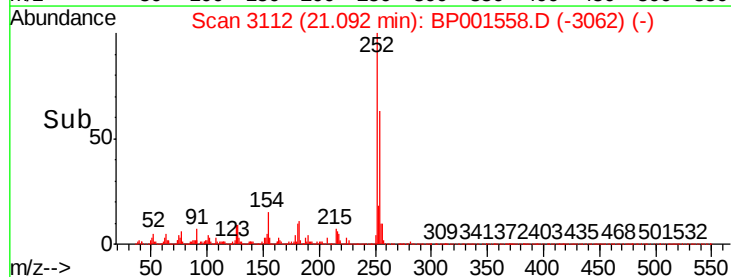
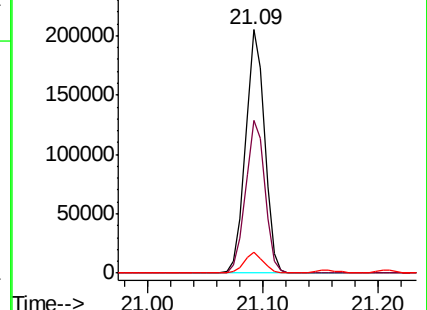
126 8.7 6.6 9.8

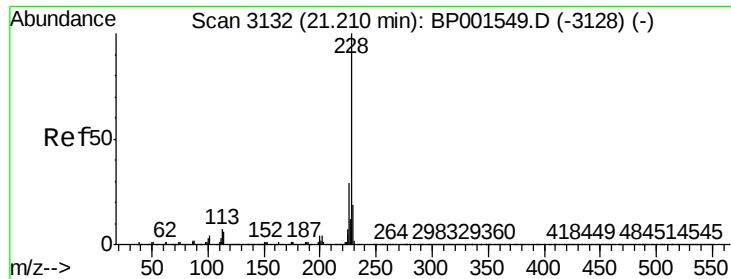


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.078 ng

RT: 21.21 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

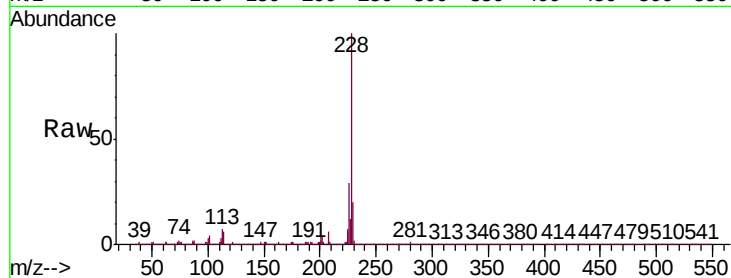
Tgt Ion:228 Resp: 664873

Ion Ratio Lower Upper

228 100

226 29.4 23.2 34.8

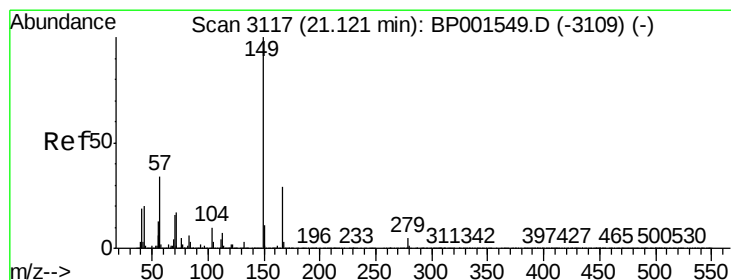
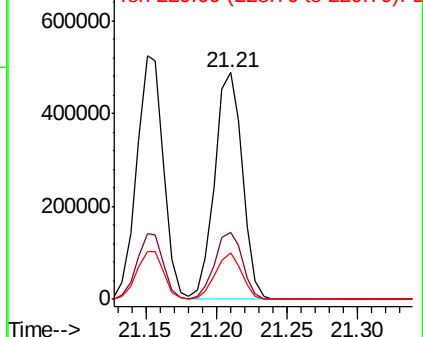
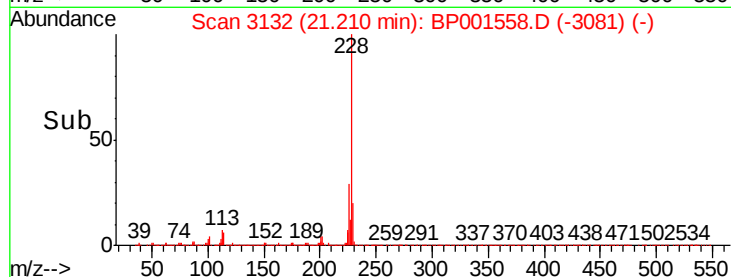
229 20.2 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.780 ng

RT: 21.12 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

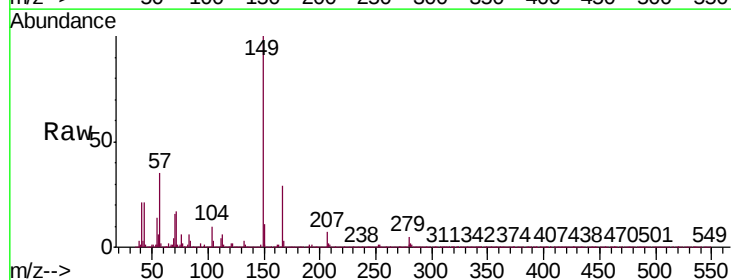
Tgt Ion:149 Resp: 381846

Ion Ratio Lower Upper

149 100

167 29.3 23.5 35.3

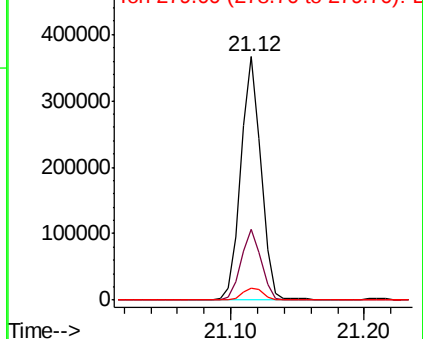
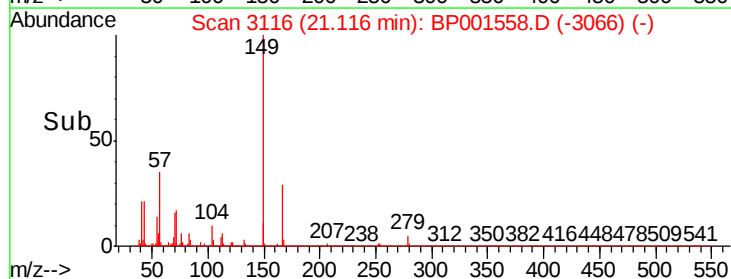
279 4.9 4.0 6.0

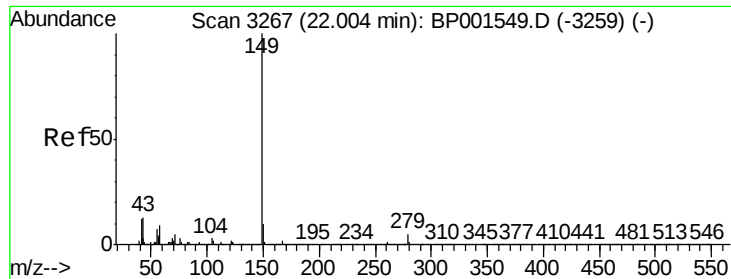


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

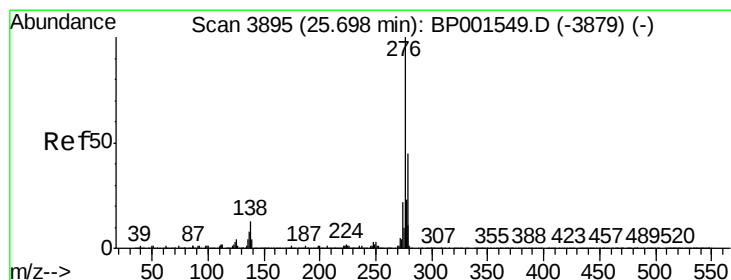
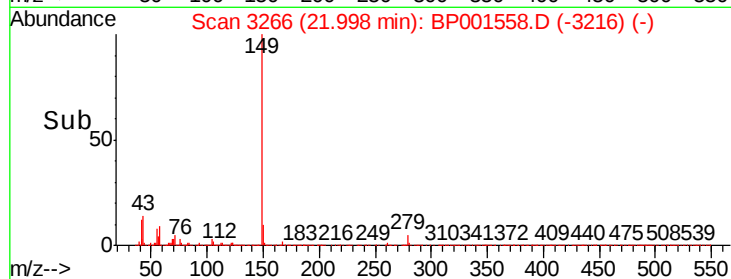
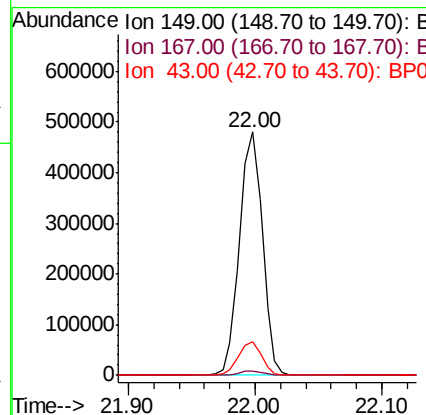
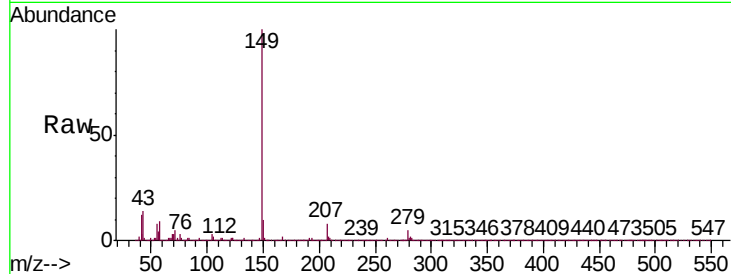




#85
Di-n-octyl phthalate
Concen: 38.075 ng
RT: 22.00 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

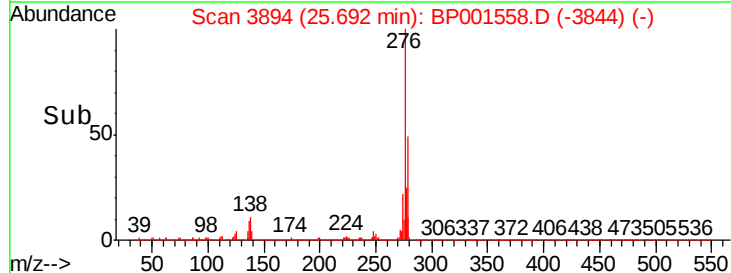
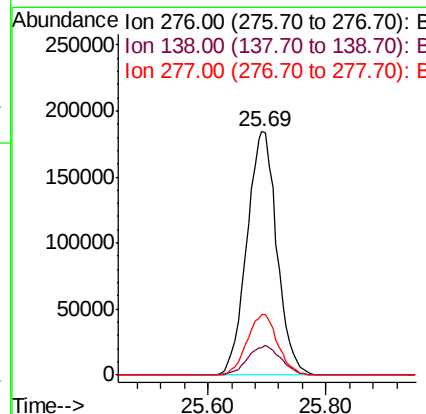
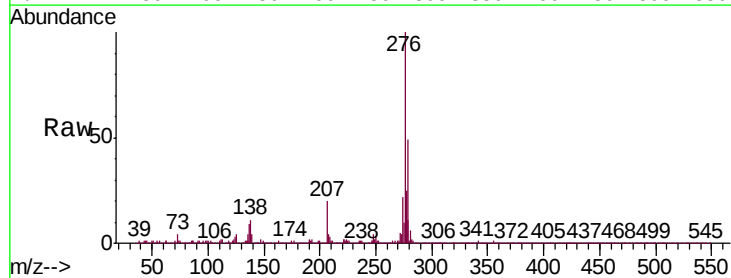
Instrument :
BNA_P
ClientSampleId :
PB125875BS

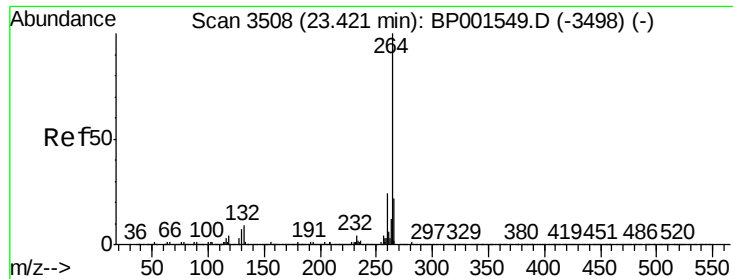
Tgt Ion:149 Resp: 597777
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 13.7 10.7 16.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 31.790 ng
RT: 25.69 min Scan# 3894
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion:276 Resp: 649761
Ion Ratio Lower Upper
276 100
138 13.4 11.1 16.7
277 25.5 20.4 30.6



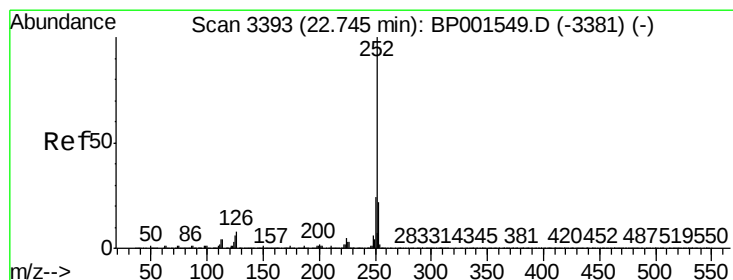
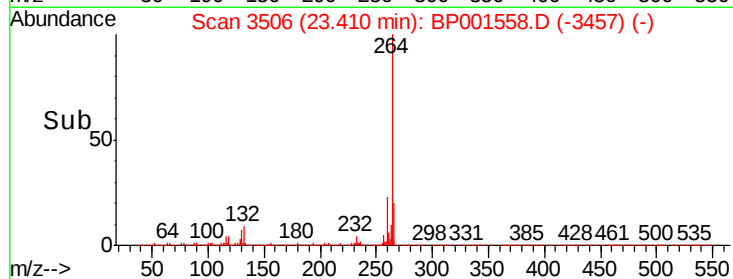
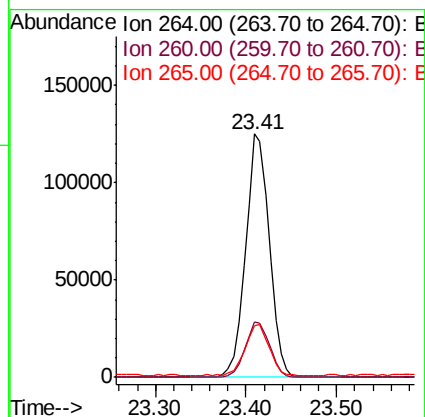
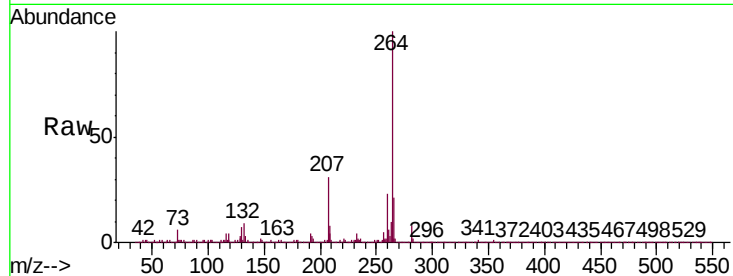


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3506
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Instrument :
BNA_P
ClientSampleId :
PB125875BS

Tgt Ion: 264 Resp: 225837

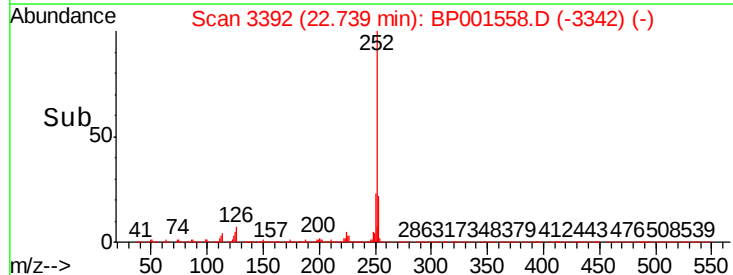
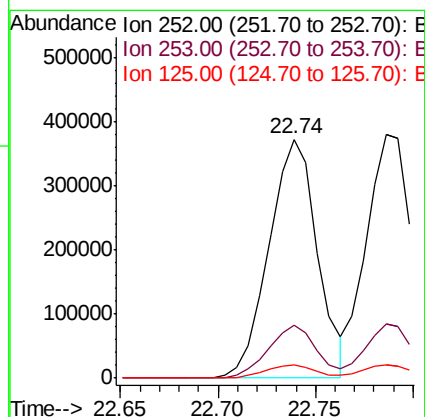
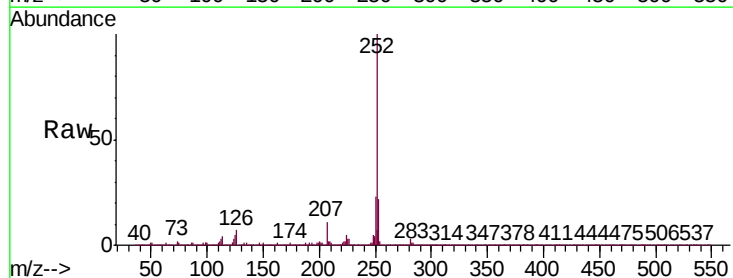
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.6
265	21.2	18.2	27.4

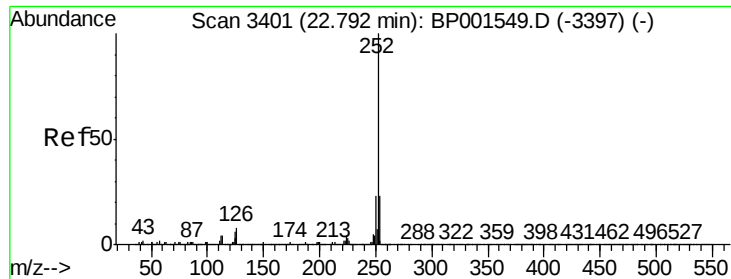


#88
Benzo(b)fluoranthene
Concen: 44.942 ng
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion: 252 Resp: 639568

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	5.3	4.6	7.0

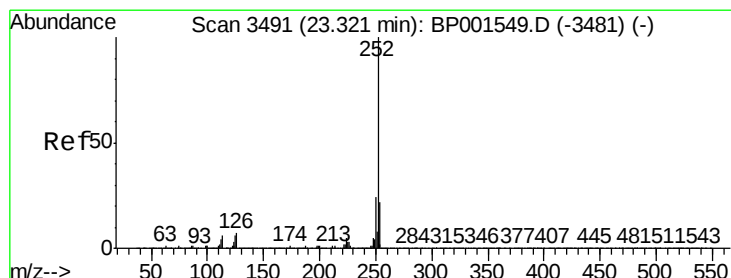
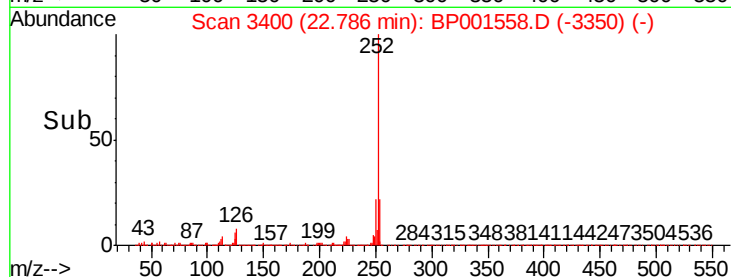
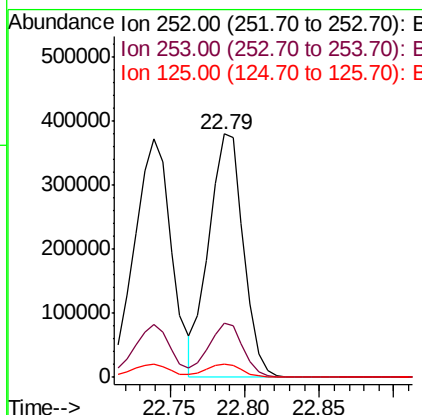
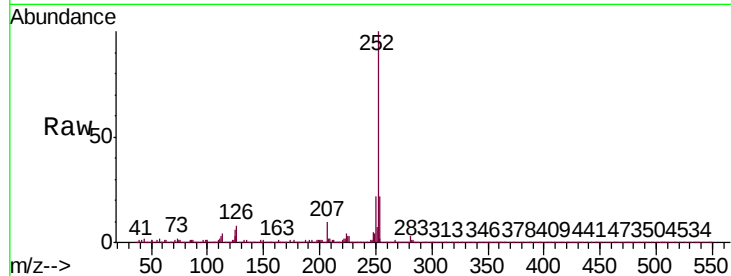




#89
Benzo(k)fluoranthene
Concen: 44.297 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

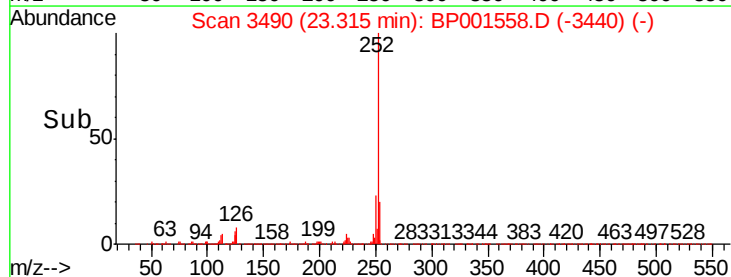
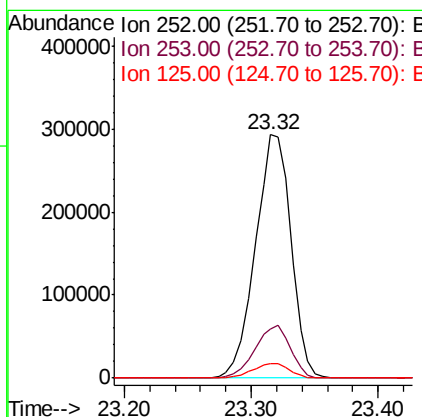
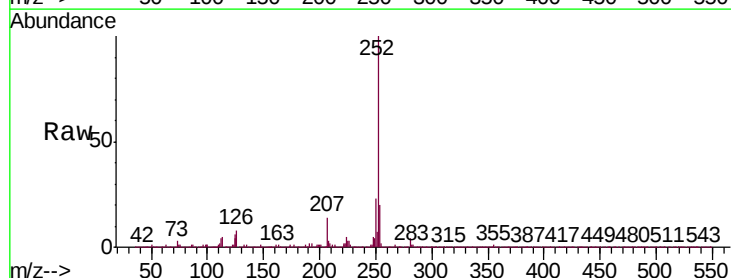
Instrument :
BNA_P
ClientSampleId :
PB125875BS

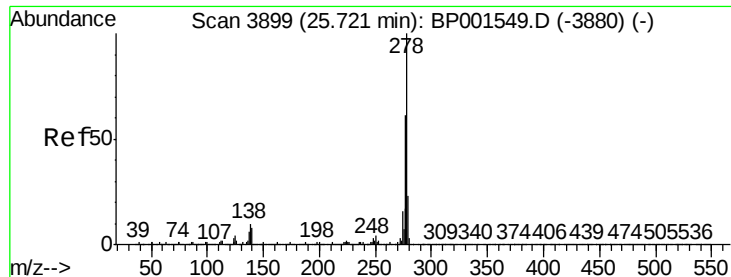
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.2
125	5.6	4.6	6.8



#90
Benzo(a)pyrene
Concen: 42.173 ng
RT: 23.32 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP001558.D
Acq: 08 Jan 2020 18:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	17.6	26.4
125	6.0	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 40.108 ng

RT: 25.72 min Scan# 3898

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

Instrument :

BNA_P

ClientSampleId :

PB125875BS

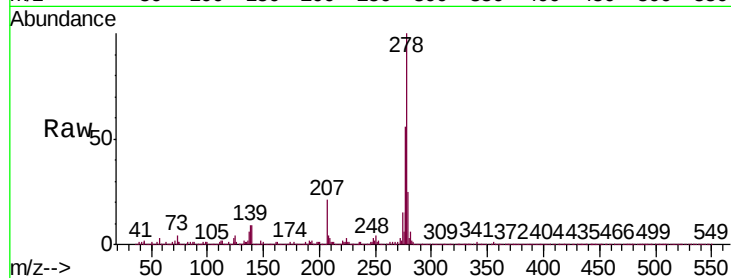
Tgt Ion:278 Resp: 559152

Ion Ratio Lower Upper

278 100

139 9.1 6.7 10.1

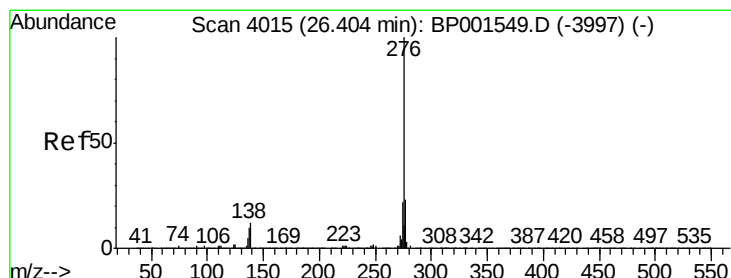
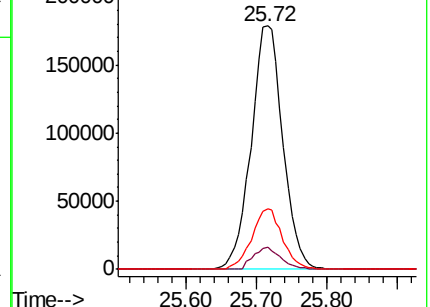
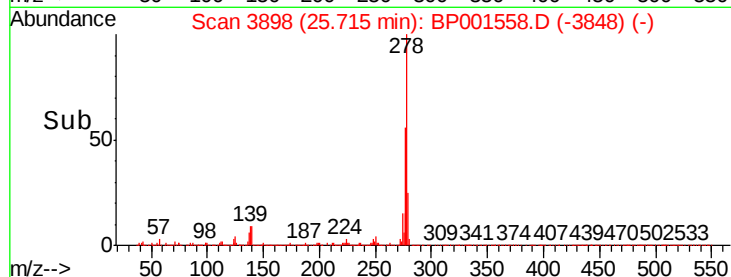
279 24.7 18.6 28.0



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: 39.799 ng

RT: 26.40 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BP001558.D

Acq: 08 Jan 2020 18:37

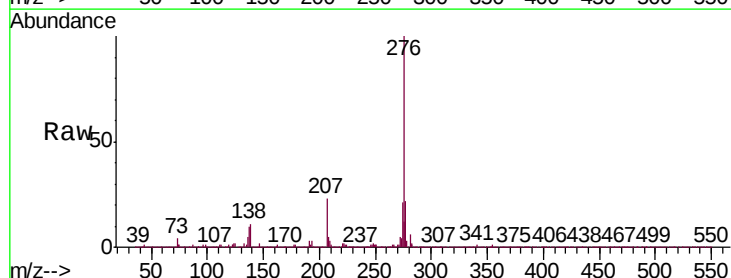
Tgt Ion:276 Resp: 551580

Ion Ratio Lower Upper

276 100

277 22.1 18.6 28.0

138 10.8 9.4 14.2



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

