

Data File : BP001557.D
Acq On : 08 Jan 2020 18:03
Operator : JU
Sample : PB125843BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB125843BS

Quant Time: Jan 09 04:14:34 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	27450	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	119737	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	101778	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	272893	20.00	ng	0.00
76) Chrysene-d12	21.17	240	252771	20.00	ng	0.00
87) Perylene-d12	23.42	264	227721	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	182842	130.48	ng	0.00
7) Phenol-d6	6.86	99	268383	119.84	ng	0.00
23) Nitrobenzene-d5	8.81	82	203351	74.21	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	169199	109.21	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	522900	75.54	ng	0.00
79) Terphenyl-d14	19.66	244	1085527	78.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.25	88	14224	31.806 ng	91
3) Pyridine	3.63	79	43821	27.117 ng	96
4) n-Nitrosodimethylamine	3.55	42	44320	38.696 ng	96
6) Aniline	7.00	93	91852	32.801 ng	99
8) 2-Chlorophenol	7.23	128	75646	46.239 ng	96
9) Benzaldehyde	6.81	77	50512	37.761 ng	98
10) Phenol	6.89	94	103865	44.833 ng	98
11) bis(2-Chloroethyl)ether	7.10	93	72932	40.140 ng	96
12) 1,3-Dichlorobenzene	7.55	146	80837	39.310 ng	93
13) 1,4-Dichlorobenzene	7.69	146	83651	39.339 ng	96
14) 1,2-Dichlorobenzene	8.01	146	81532	39.676 ng	97
15) Benzyl Alcohol	7.90	79	88596	42.007 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	128766	38.148 ng	99
17) 2-Methylphenol	8.12	107	71421	44.402 ng	96
18) Hexachloroethane	8.73	117	32799	39.511 ng	91
19) n-Nitroso-di-n-propylamine	8.47	70	66220	38.784 ng	90
20) 3+4-Methylphenols	8.44	107	97306	43.249 ng	95
22) Acetophenone	8.48	105	124391	37.060 ng	# 98
24) Nitrobenzene	8.85	77	107514	38.784 ng	98
25) Isophorone	9.39	82	186929	38.042 ng	97
26) 2-Nitrophenol	9.56	139	42552	40.618 ng	95
27) 2,4-Dimethylphenol	9.63	122	77821	49.723 ng	98
28) bis(2-Chloroethoxy)methane	9.86	93	107935	37.496 ng	98
29) 2,4-Dichlorophenol	10.10	162	91140	42.543 ng	97
30) 1,2,4-Trichlorobenzene	10.30	180	99638	38.527 ng	96
31) Naphthalene	10.49	128	248528	39.328 ng	98
32) Benzoic acid	9.80	122	52542	38.351 ng	96
33) 4-Chloroaniline	10.60	127	68055	23.390 ng	99
34) Hexachlorobutadiene	10.79	225	69392	37.904 ng	99
35) Caprolactam	11.40	113	14149	18.188 ng	90
36) 4-Chloro-3-methylphenol	11.75	107	104943	40.817 ng	99
37) 2-Methylnaphthalene	12.11	142	200982	39.907 ng	99
38) 1-Methylnaphthalene	12.33	142	191795	39.574 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.48	216	131640	37.757 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	156668	88.587	ng	98
43) 2,4,6-Trichlorophenol	12.73	196	90805	40.384	ng	94
44) 2,4,5-Trichlorophenol	12.80	196	100954	42.250	ng	97
46) 1,1'-Biphenyl	13.13	154	279395	38.309	ng	98
47) 2-Chloronaphthalene	13.17	162	225611	37.220	ng	99
48) 2-Nitroaniline	13.38	65	88024	36.962	ng	98
49) Acenaphthylene	14.02	152	372088	39.803	ng	99
50) Dimethylphthalate	13.78	163	311215	37.125	ng	100
51) 2,6-Dinitrotoluene	13.89	165	69508	39.100	ng	98
52) Acenaphthene	14.37	154	218213	37.690	ng	99
53) 3-Nitroaniline	14.22	138	45099	24.028	ng	93
54) 2,4-Dinitrophenol	14.42	184	82589	82.628	ng	90
55) Dibenzofuran	14.71	168	380877	38.902	ng	100
56) 4-Nitrophenol	14.55	139	126628	84.487	ng	92
57) 2,4-Dinitrotoluene	14.68	165	101371	38.973	ng	94
58) Fluorene	15.36	166	306329	38.666	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	101311	41.061	ng	98
60) Diethylphthalate	15.16	149	323151	37.480	ng	98
61) 4-Chlorophenyl-phenylether	15.36	204	177985	39.254	ng	98
62) 4-Nitroaniline	15.39	138	70589	32.987	ng	94
63) Azobenzene	15.66	77	339599	39.419	ng	99
65) 4,6-Dinitro-2-methylphenol	15.45	198	64144	43.476	ng	93
66) n-Nitrosodiphenylamine	15.58	169	282765	39.112	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	115832	37.625	ng	99
68) Hexachlorobenzene	16.37	284	130717	36.545	ng	100
69) Atrazine	16.55	200	126327	47.578	ng	99
70) Pentachlorophenol	16.72	266	170302	86.215	ng	98
71) Phenanthrene	17.11	178	559694	37.713	ng	99
72) Anthracene	17.20	178	573948	39.726	ng	98
73) Carbazole	17.47	167	515498	38.005	ng	99
74) Di-n-butylphthalate	18.06	149	597070	37.206	ng	99
75) Fluoranthene	19.09	202	749417	38.377	ng	99
77) Benzidine	19.27	184	310050	53.719	ng	98
78) Pyrene	19.44	202	747346	40.249	ng	99
80) Butylbenzylphthalate	20.34	149	270267	38.297	ng	96
81) Benzo(a)anthracene	21.15	228	690764	39.239	ng	99
82) 3,3'-Dichlorobenzidine	21.09	252	238103	36.069	ng	98
83) Chrysene	21.21	228	660542	38.503	ng	97
84) Bis(2-ethylhexyl)phthalate	21.12	149	374488	38.709	ng	95
85) Di-n-octyl phthalate	22.00	149	593016	38.443	ng	99
86) Indeno(1,2,3-cd)pyrene	25.70	276	669268	33.327	ng	99
88) Benzo(b)fluoranthene	22.74	252	644422	44.908	ng	99
89) Benzo(k)fluoranthene	22.79	252	618044	44.174	ng	97
90) Benzo(a)pyrene	23.32	252	573095	42.063	ng	98
91) Dibenzo(a,h)anthracene	25.71	278	574528	40.870	ng	100
92) Benzo(g,h,i)perylene	26.40	276	567063	40.577	ng	99

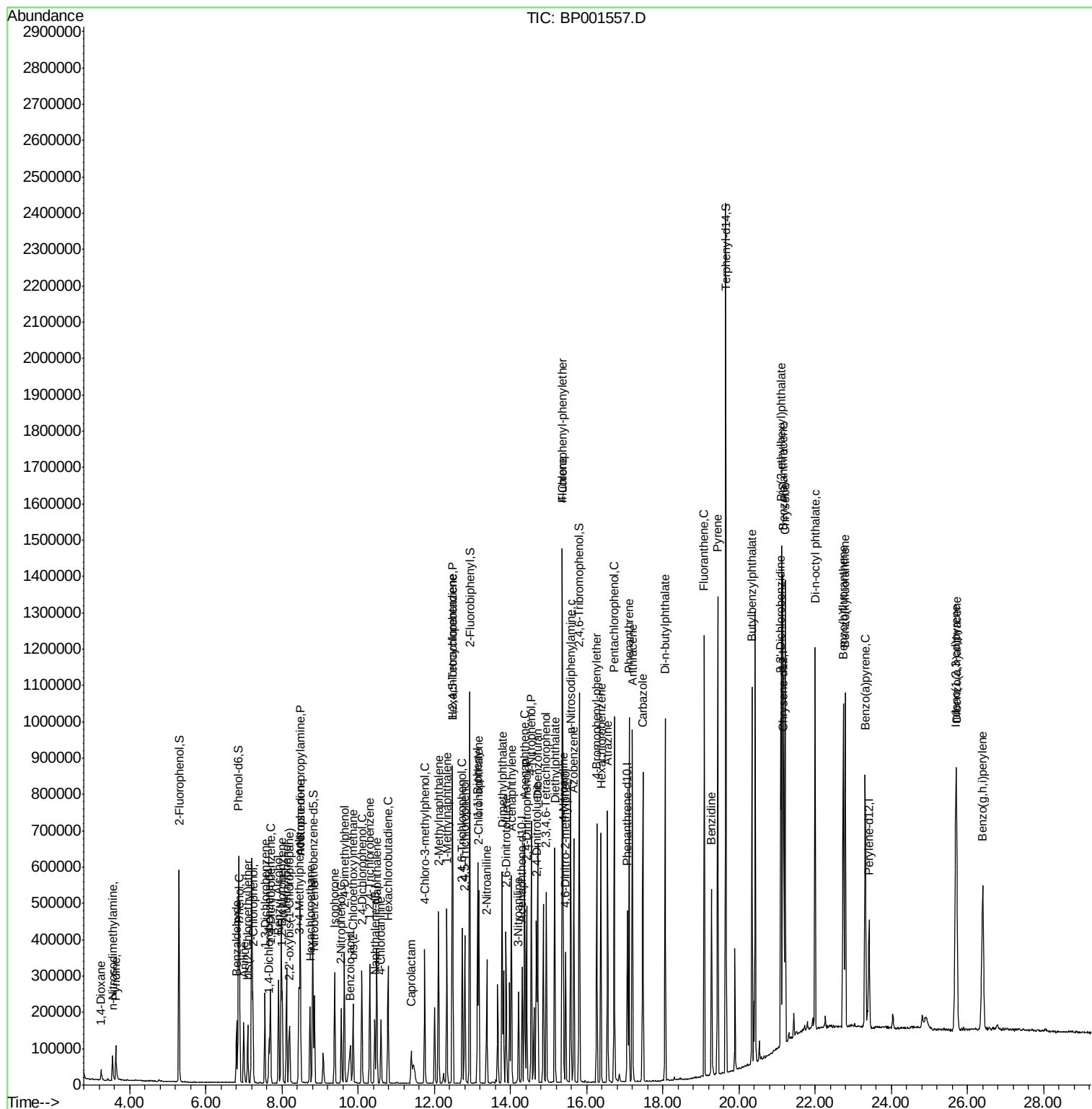
(#) = qualifier out of range (m) = manual integration (+) = signals summed

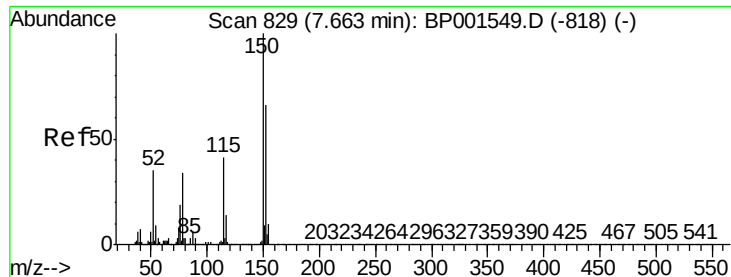
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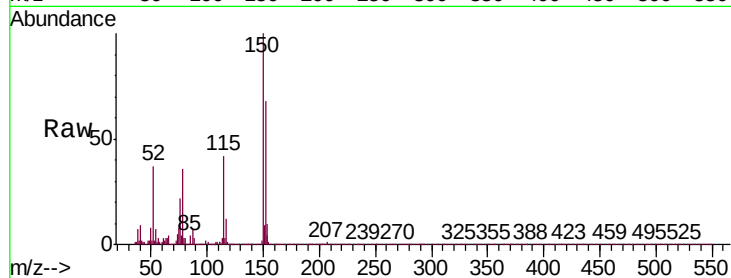


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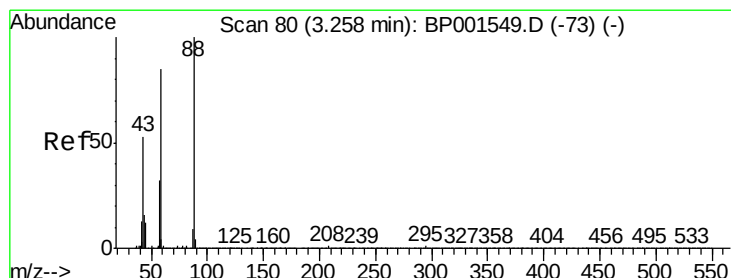
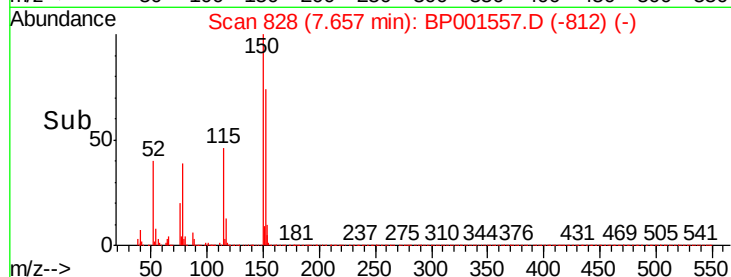
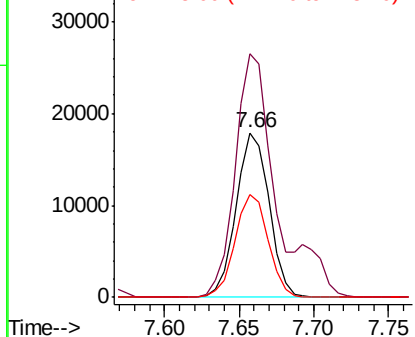
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 828
Delta R.T. -0.01 min
Lab File: BP001557.D
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Instrument :
BNA_P
ClientSampleId :
PB125843BS

Tgt Ion: 152 Resp: 27450
Ion Ratio Lower Upper
152 100
150 147.7 122.0 183.0
115 62.7 50.7 76.1



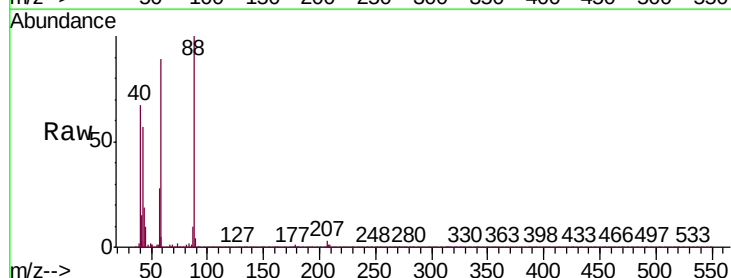
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



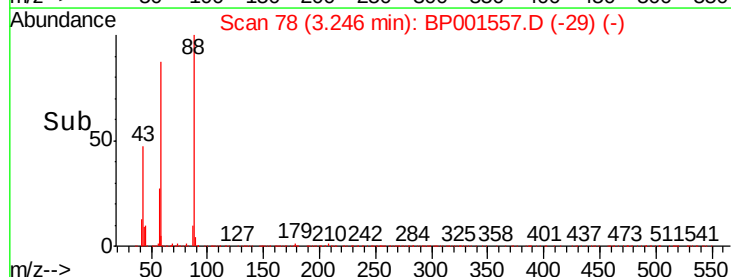
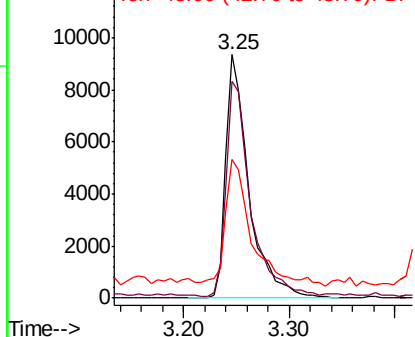
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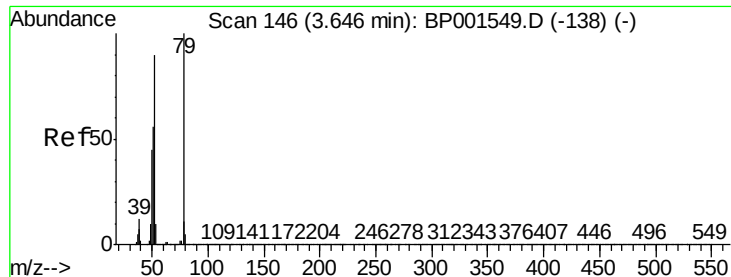
1,4-Dioxane
Concen: 31.806 ng
RT: 3.25 min Scan# 78
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion: 88 Resp: 14224
Ion Ratio Lower Upper
88 100
58 92.9 69.5 104.3
43 59.0 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: 27.117 ng

RT: 3.63 min Scan# 144

Delta R.T. -0.01 min

Lab File: BP001557.D

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Instrument :

BNA_P

ClientSampleId :

PB125843BS

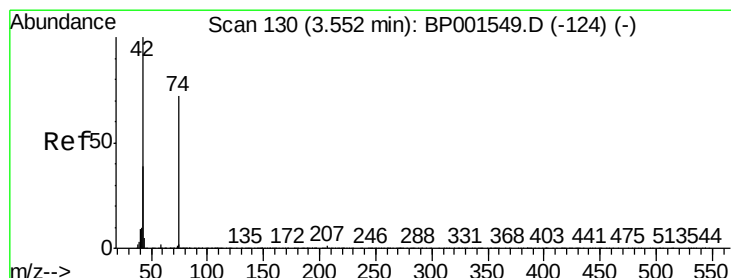
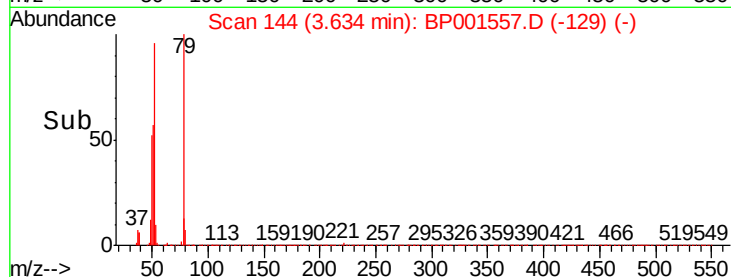
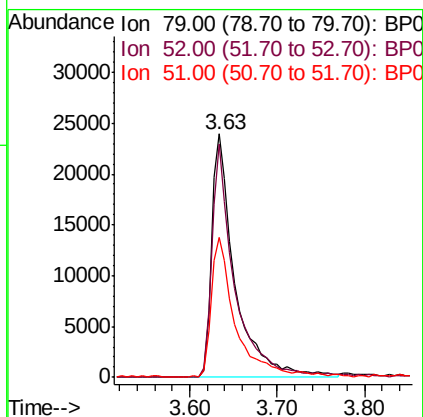
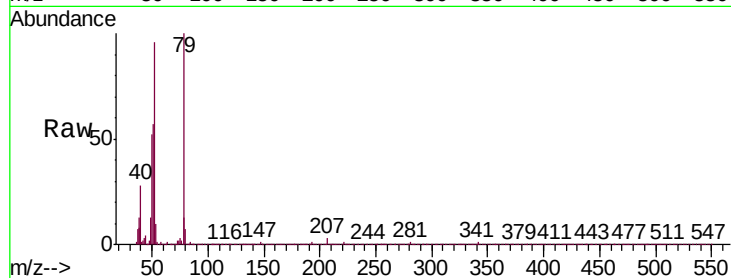
Tgt Ion: 79 Resp: 43821

Ion Ratio Lower Upper

79 100

52 95.7 72.1 108.1

51 57.3 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 38.696 ng

RT: 3.55 min Scan# 129

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

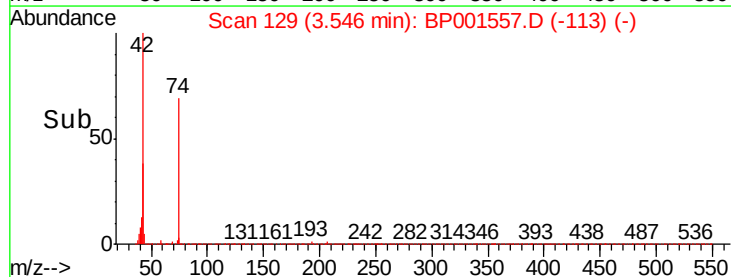
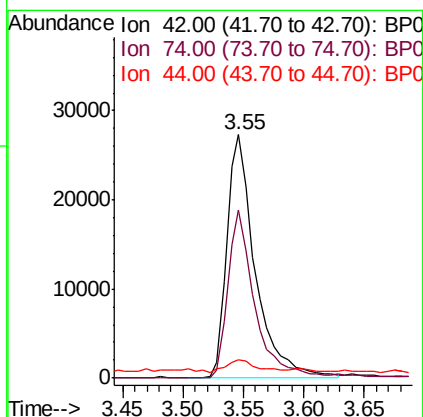
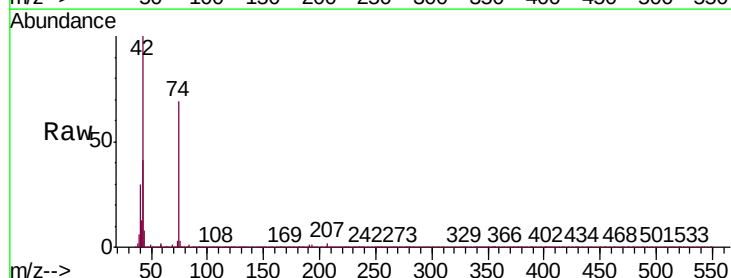
Tgt Ion: 42 Resp: 44320

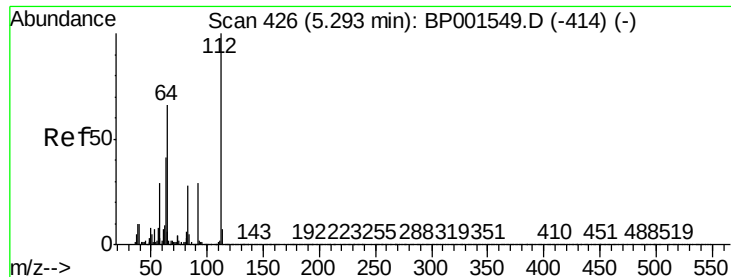
Ion Ratio Lower Upper

42 100

74 69.0 58.0 87.0

44 7.8 6.7 10.1





#5

2-Fluorophenol

Concen: 130.481 ng

RT: 5.29 min Scan# 426

Delta R.T. -0.00 min

Lab File: BP001557.D

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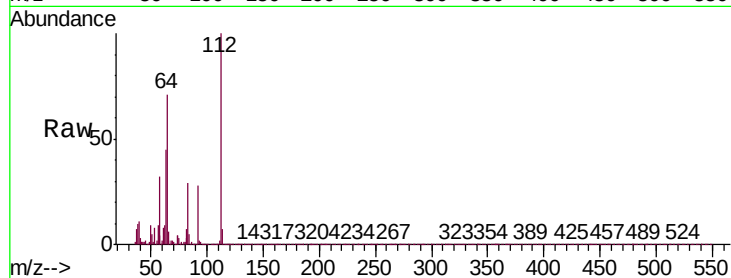
Tgt Ion: 112 Resp: 182842

Ion Ratio Lower Upper

112 100

64 71.2 52.8 79.2

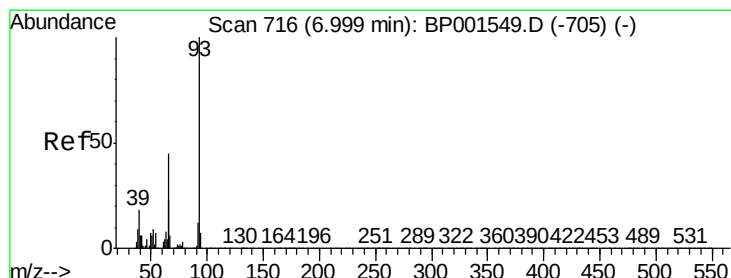
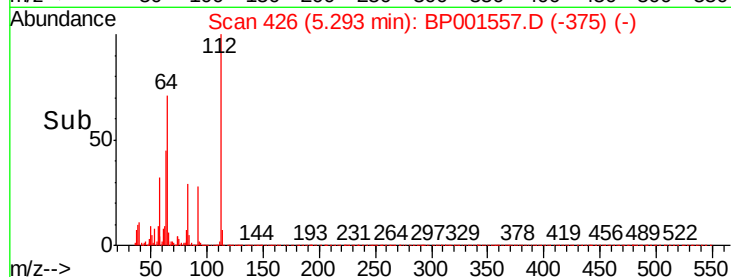
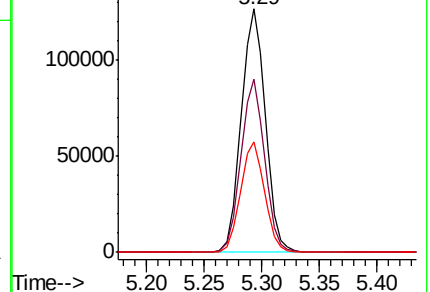
63 45.4 33.1 49.7



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: 32.801 ng

RT: 7.00 min Scan# 716

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

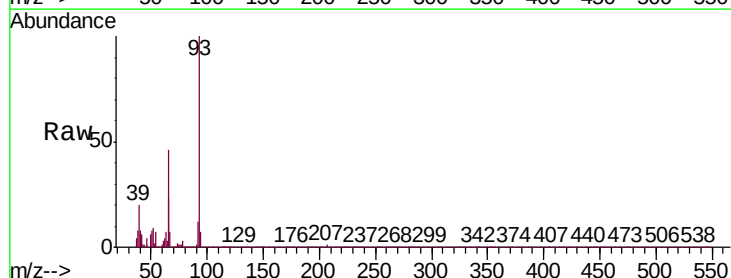
Tgt Ion: 93 Resp: 91852

Ion Ratio Lower Upper

93 100

66 46.2 36.4 54.6

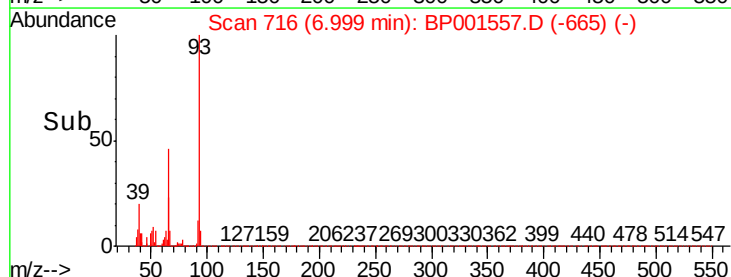
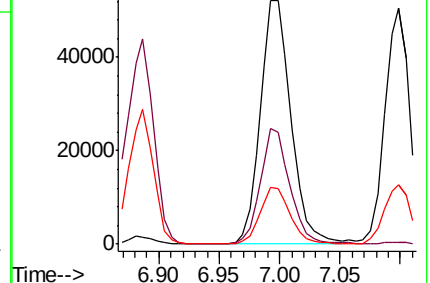
65 22.8 18.5 27.7

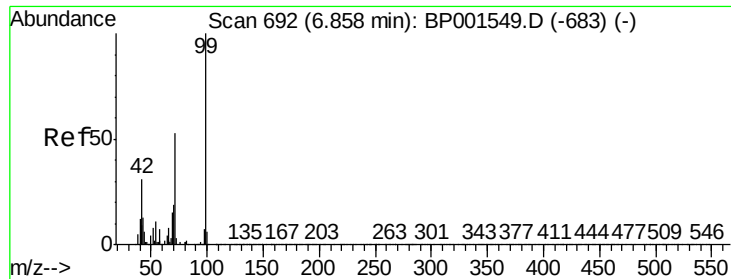


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 119.838 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

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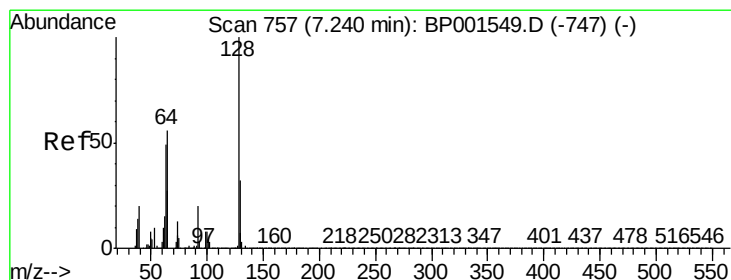
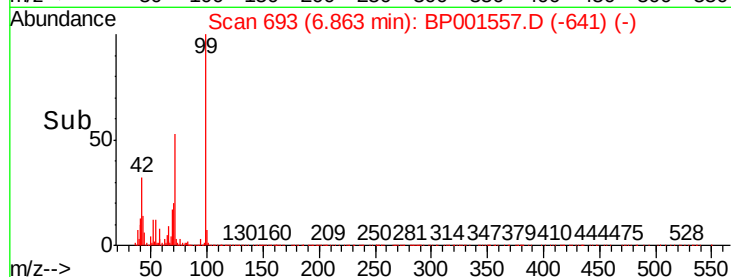
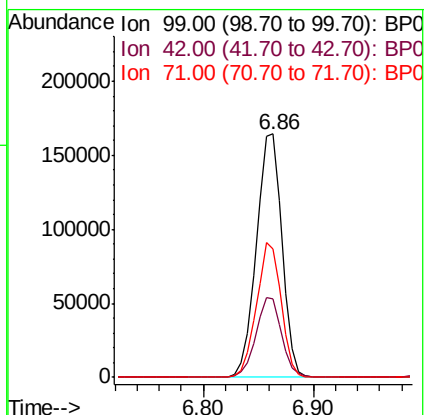
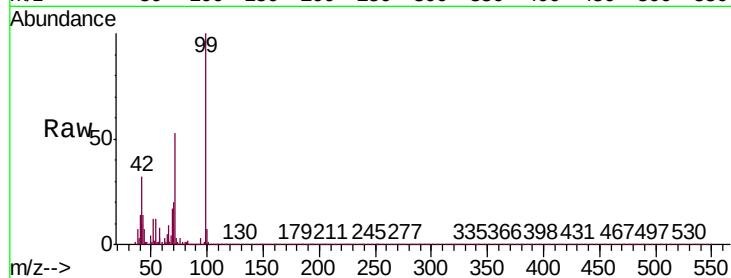
Tgt Ion: 99 Resp: 268383

Ion Ratio Lower Upper

99 100

42 32.1 24.5 36.7

71 52.7 42.4 63.6



#8

2-Chlorophenol

Concen: 46.239 ng

RT: 7.23 min Scan# 756

Delta R.T. -0.01 min

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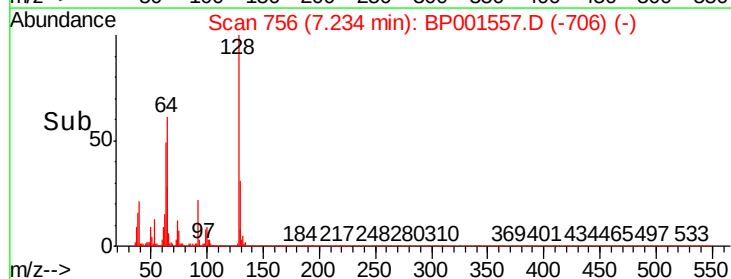
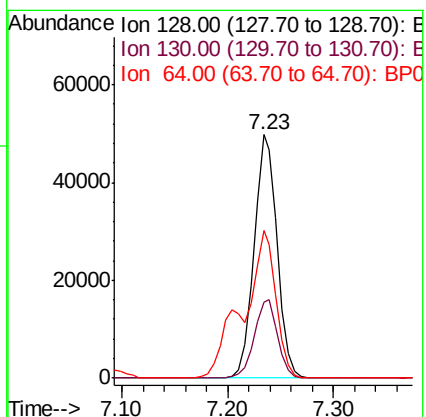
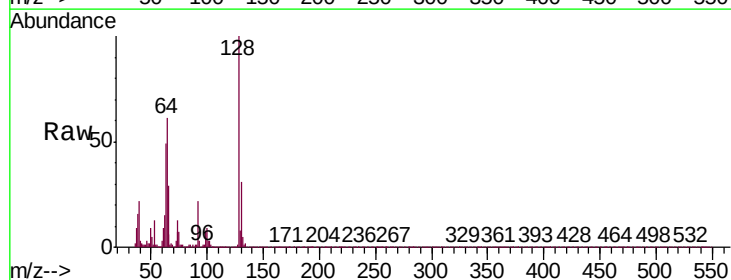
Tgt Ion: 128 Resp: 75646

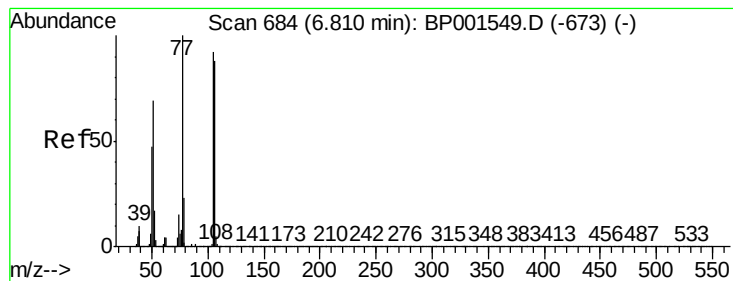
Ion Ratio Lower Upper

128 100

130 30.9 11.8 51.8

64 60.6 37.2 77.2





#9

Benzaldehyde

Concen: 37.761 ng

RT: 6.81 min Scan# 684

Delta R.T. 0.00 min

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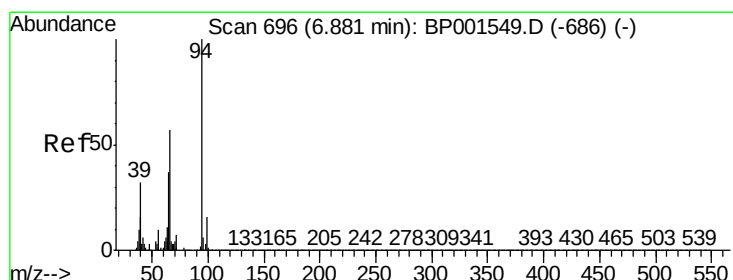
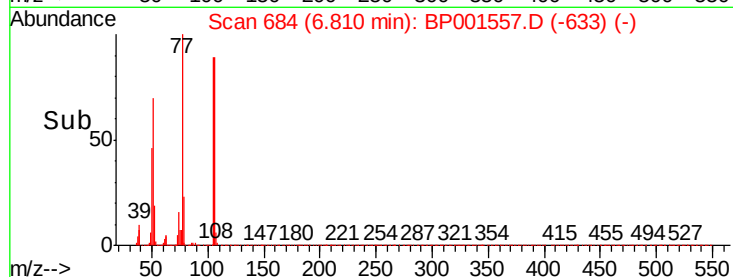
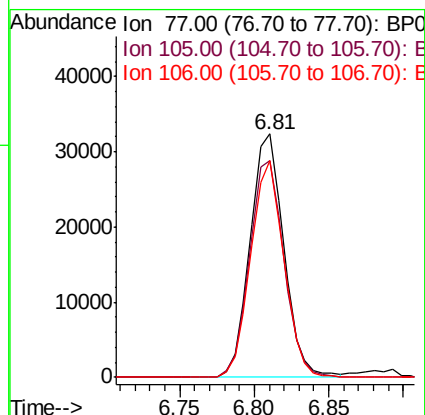
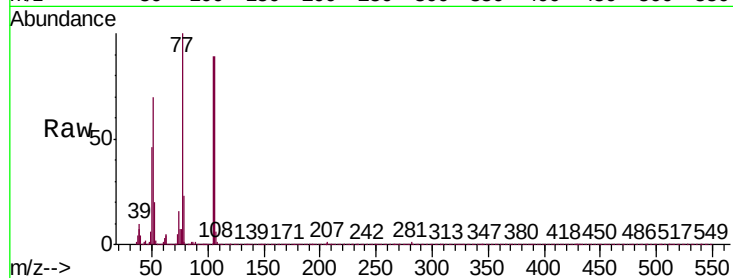
Tgt Ion: 77 Resp: 50512

Ion Ratio Lower Upper

77 100

105 88.8 71.6 111.6

106 89.1 67.7 107.7



#10

Phenol

Concen: 44.833 ng

RT: 6.89 min Scan# 697

Delta R.T. 0.01 min

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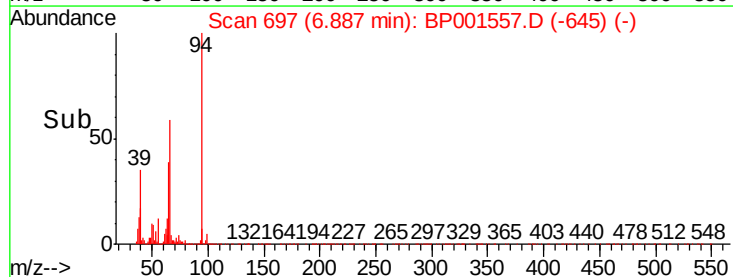
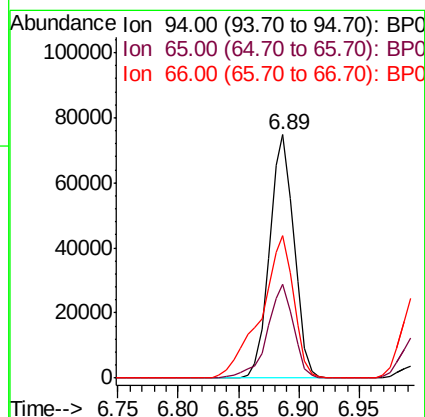
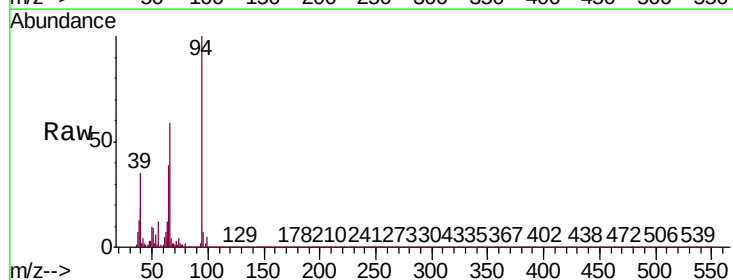
Tgt Ion: 94 Resp: 103865

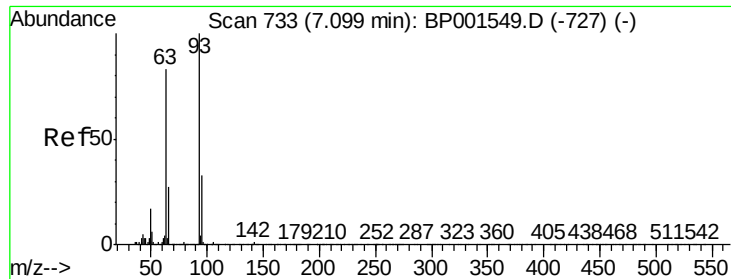
Ion Ratio Lower Upper

94 100

65 38.6 17.5 57.5

66 58.8 36.7 76.7

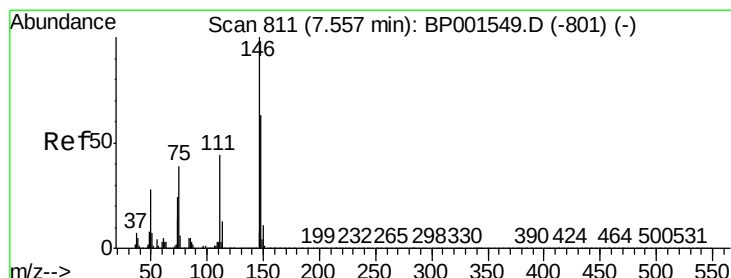
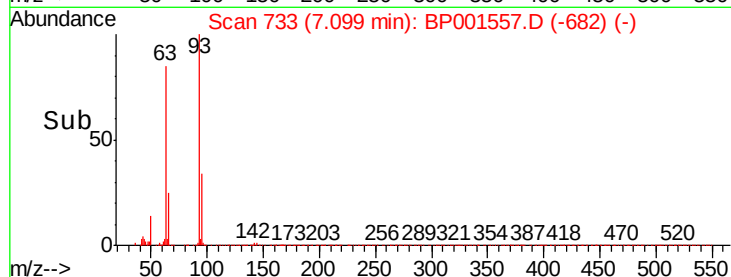
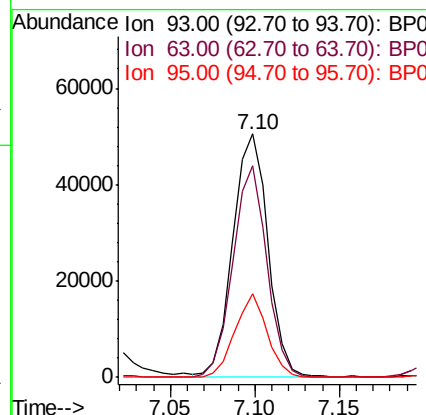
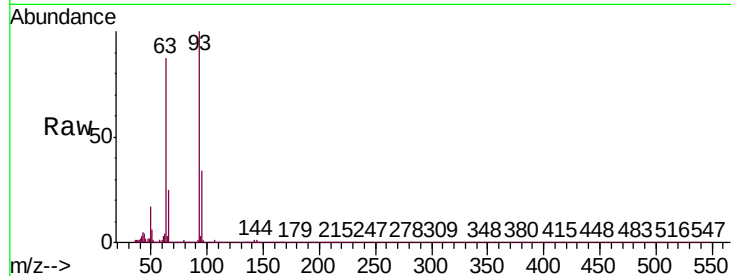




#11
bis(2-Chloroethyl)ether
Concen: 40.140 ng
RT: 7.10 min Scan# 733
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

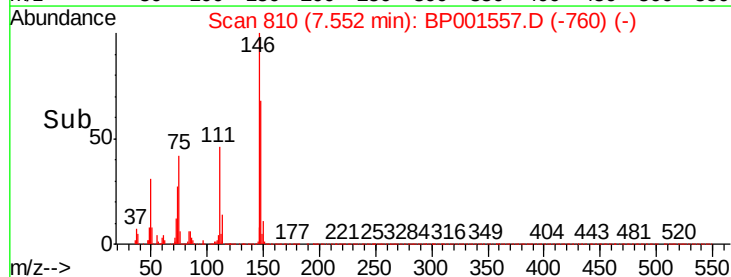
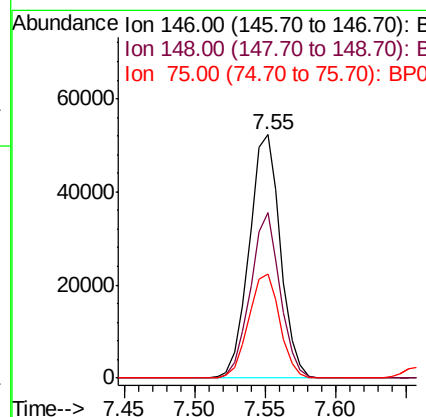
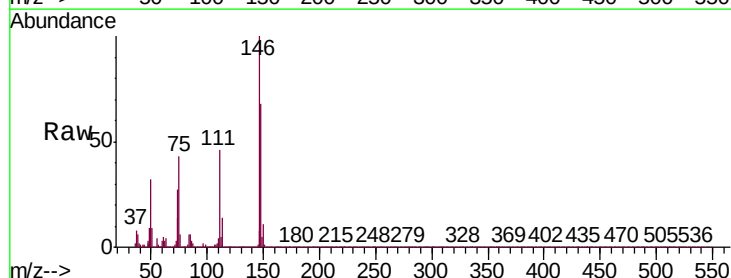
Instrument :
BNA_P
ClientSampleId :
PB125843BS

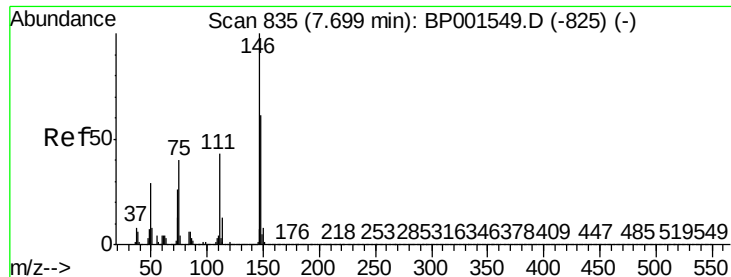
Tgt Ion	Ratio	Lower	Upper
93	100		
63	86.9	63.2	103.2
95	34.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 39.310 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.2	75.2
75	42.6	31.1	46.7

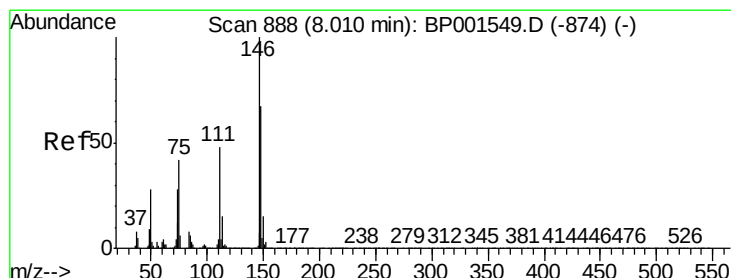
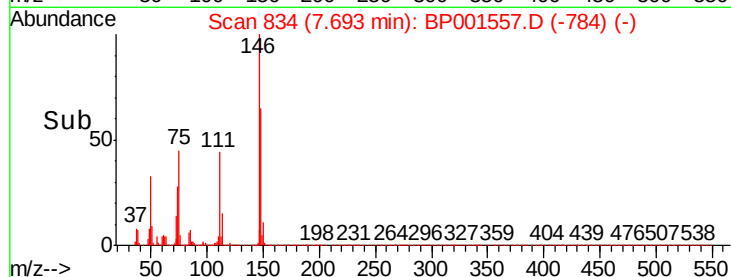
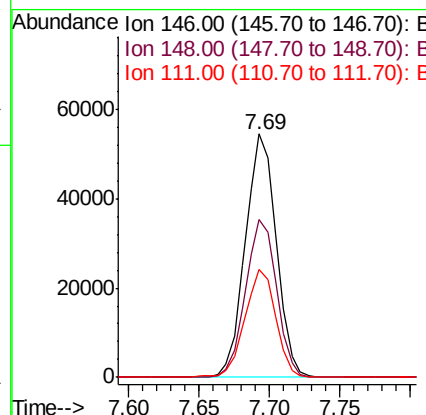
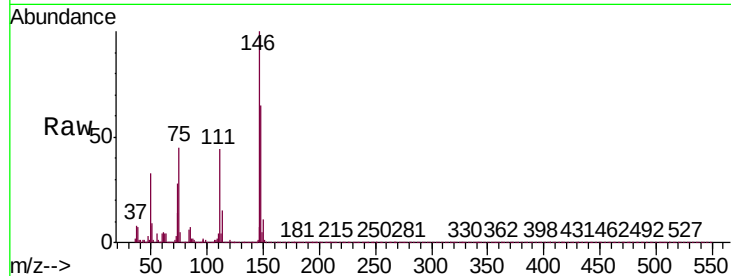




#13
 1,4-Dichlorobenzene
 Concen: 39.339 ng
 RT: 7.69 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

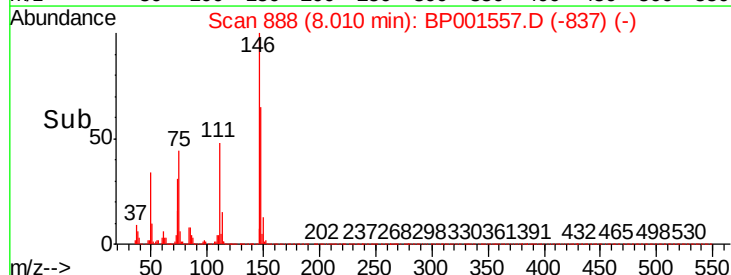
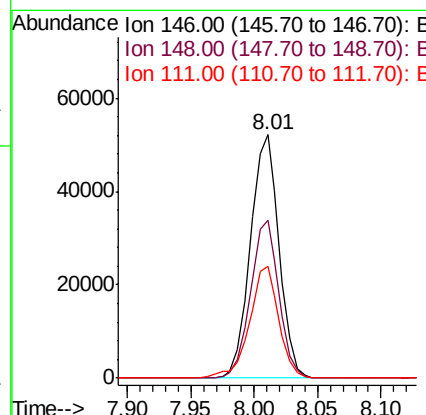
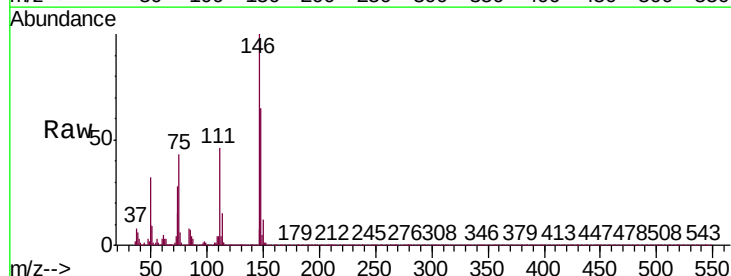
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BS

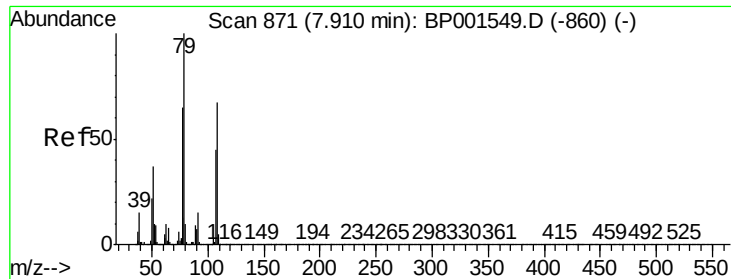
Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	48.6	73.0
111	44.2	34.3	51.5



#14
 1,2-Dichlorobenzene
 Concen: 39.676 ng
 RT: 8.01 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	53.9	80.9
111	45.9	38.2	57.4

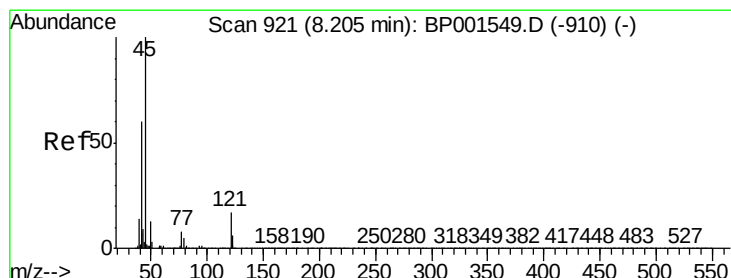
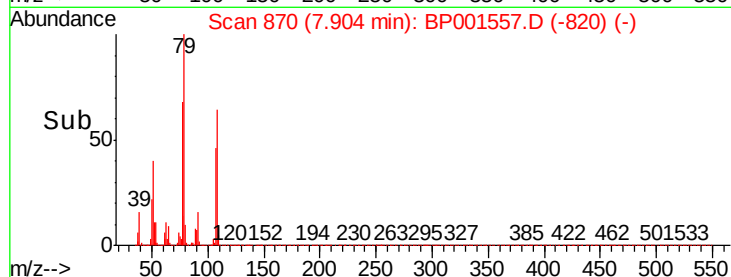
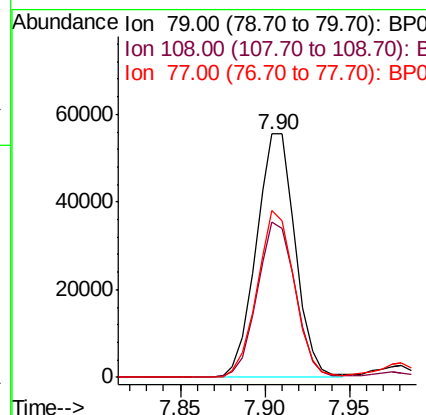
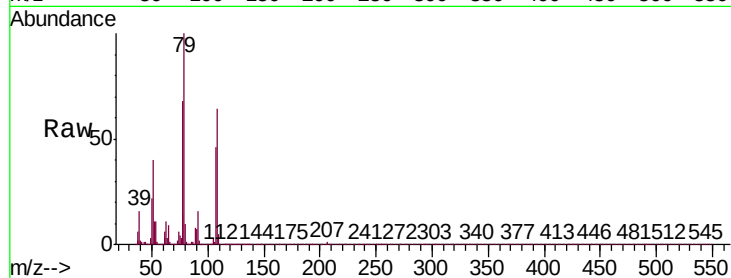




#15
Benzyl Alcohol
Concen: 42.007 ng
RT: 7.90 min Scan# 870
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

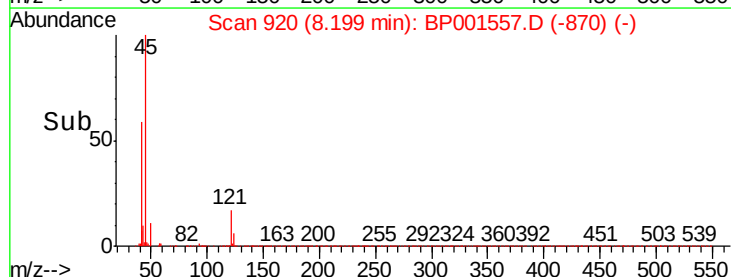
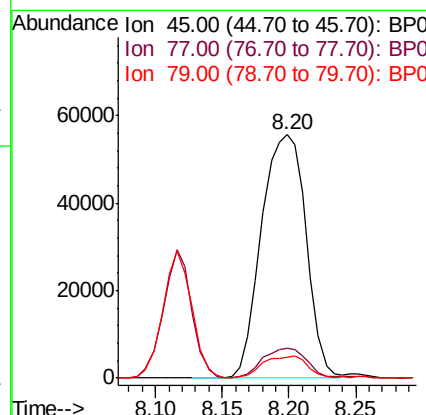
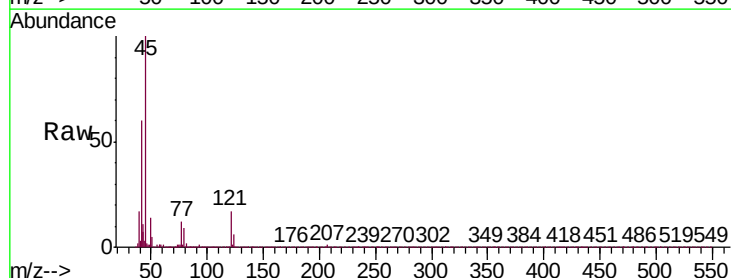
Instrument :
BNA_P
ClientSampleId :
PB125843BS

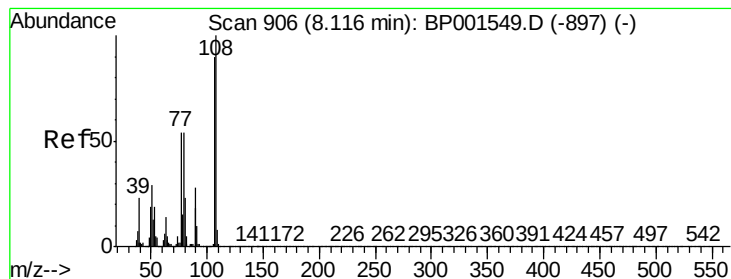
Tgt Ion: 79 Resp: 88596
Ion Ratio Lower Upper
79 100
108 63.9 53.2 79.8
77 68.4 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.148 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion: 45 Resp: 128766
Ion Ratio Lower Upper
45 100
77 12.2 0.0 32.6
79 8.5 0.0 29.3





#17

2-Methylphenol

Concen: 44.402 ng

RT: 8.12 min Scan# 906

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

Tgt Ion:107 Resp: 71421

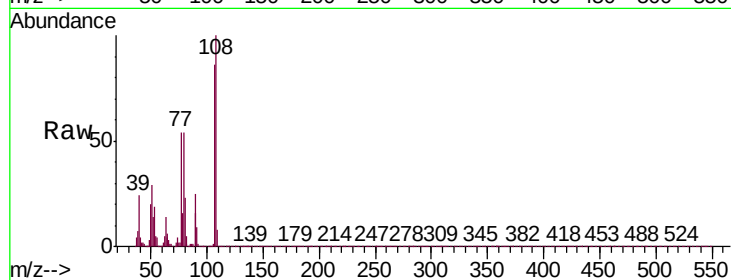
Ion Ratio Lower Upper

107 100

108 116.7 89.2 133.8

77 63.2 47.9 71.9

79 62.6 48.3 72.5



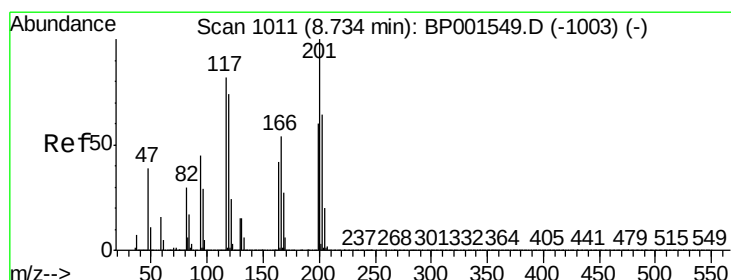
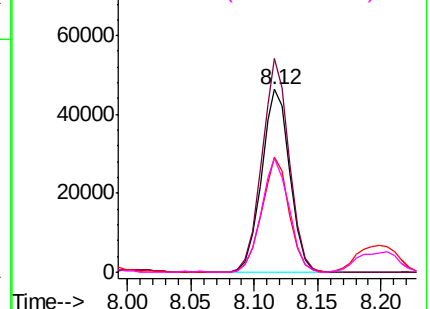
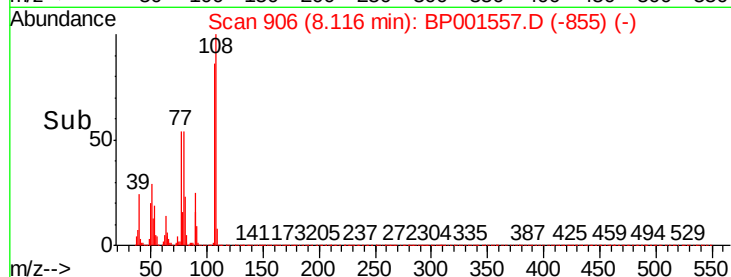
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 39.511 ng

RT: 8.73 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

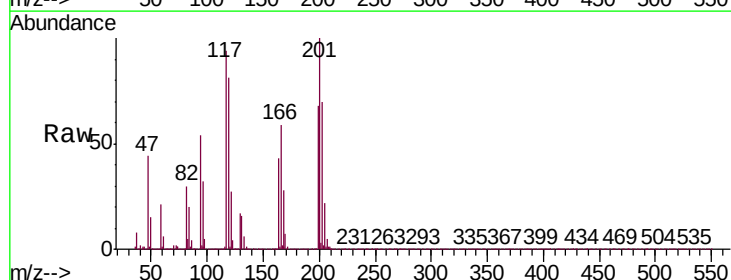
Tgt Ion:117 Resp: 32799

Ion Ratio Lower Upper

117 100

119 87.0 71.8 107.8

201 106.9 97.6 146.4

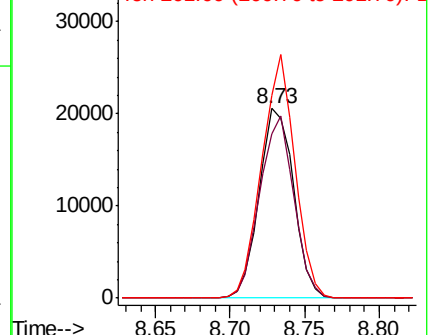
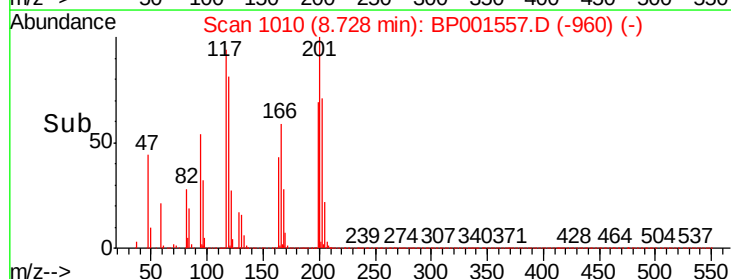


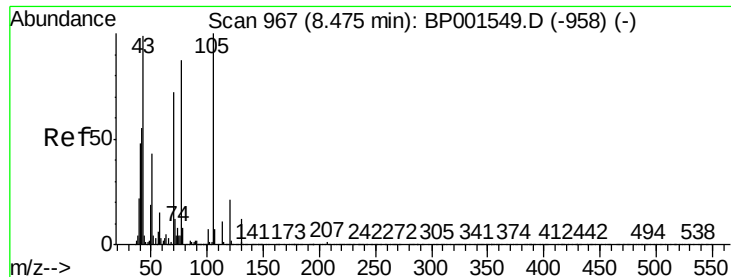
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

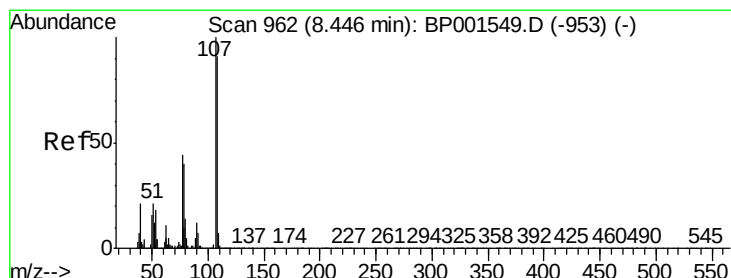
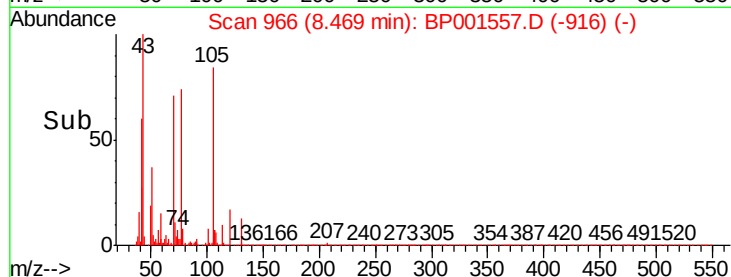
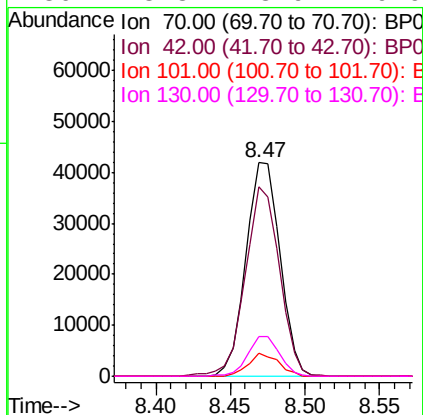
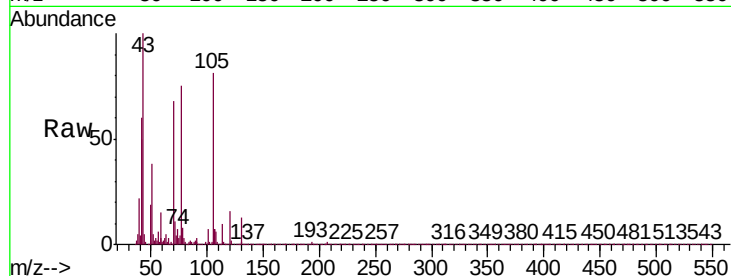




#19
n-Nitroso-di-n-propylamine
Concen: 38.784 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

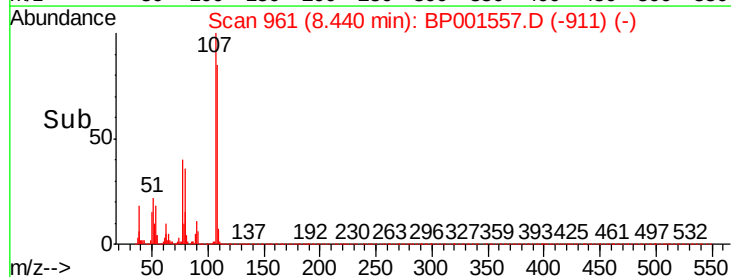
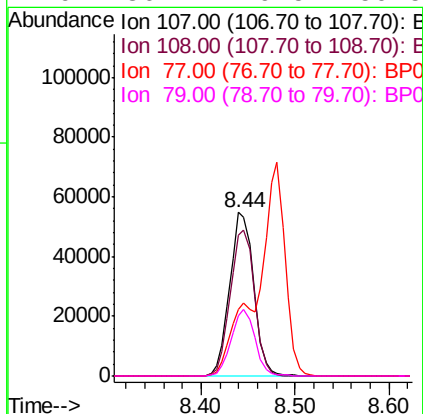
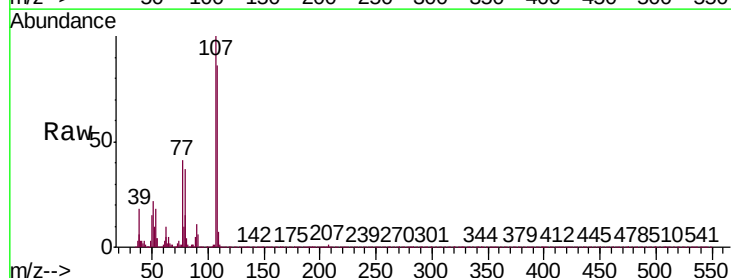
Instrument :
BNA_P
ClientSampleId :
PB125843BS

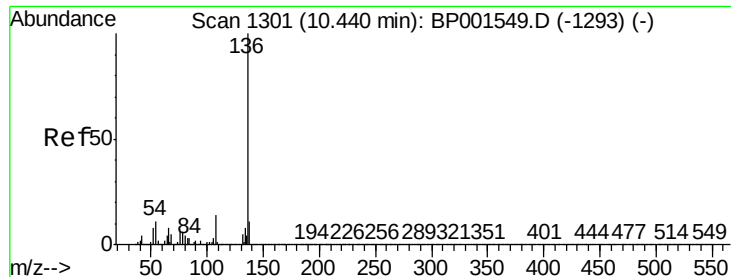
Tgt Ion:	70	Resp:	66220
Ion	Ratio	Lower	Upper
70	100		
42	88.8	62.3	93.5
101	10.7	7.3	10.9
130	18.8	13.9	20.9



#20
3+4-Methylphenols
Concen: 43.249 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	107	Resp:	97306
Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.2	111.2
77	40.7	24.4	64.4
79	36.7	19.5	59.5

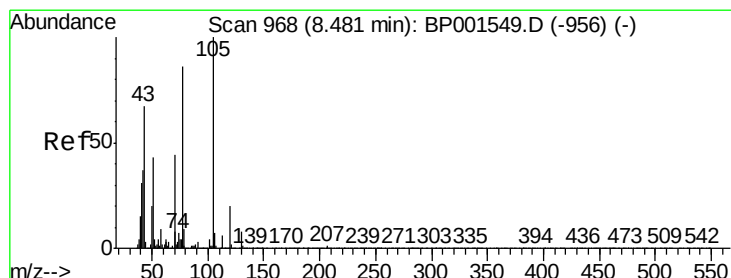
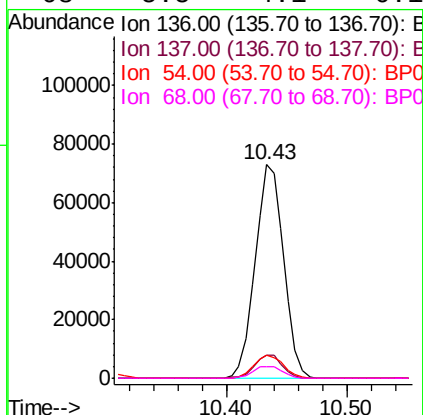
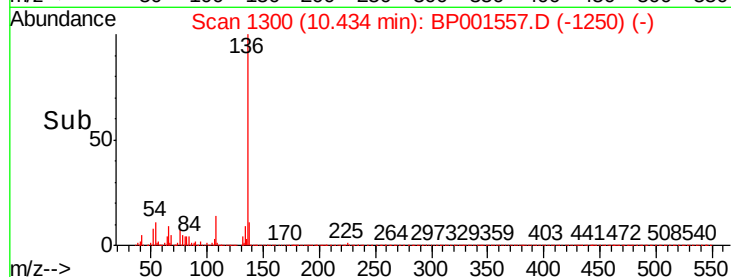
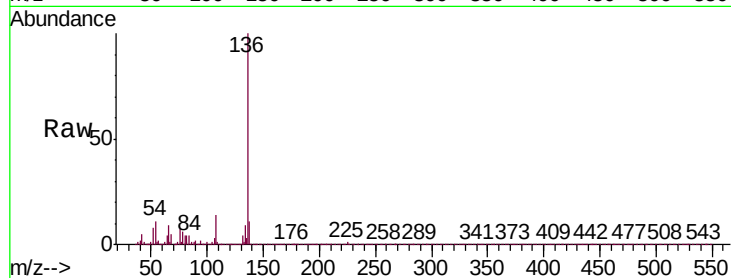




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

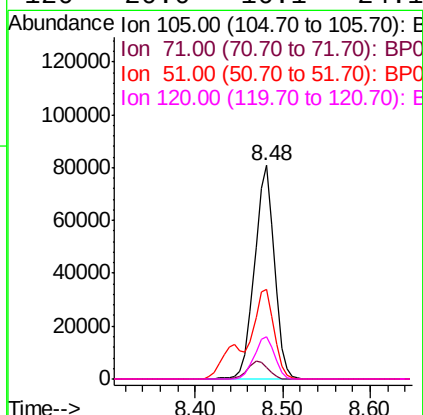
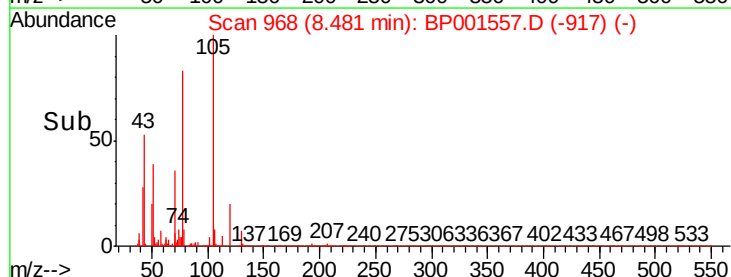
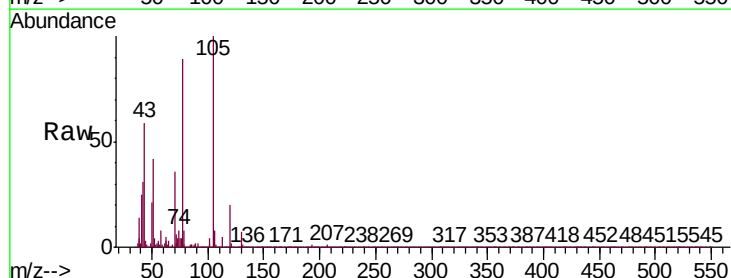
Instrument :
BNA_P
ClientSampleId :
PB125843BS

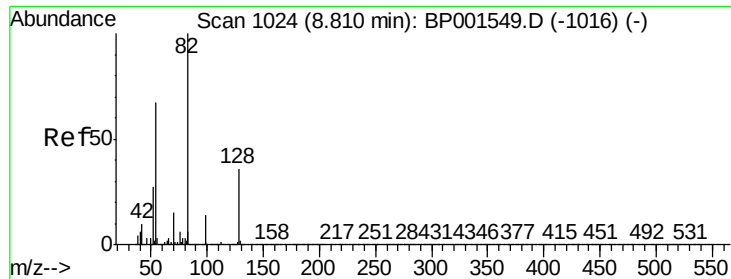
Tgt Ion:	136	Resp:	119737
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	11.0	9.2	13.8
68	5.5	4.1	6.1



#22
Acetophenone
Concen: 37.060 ng
RT: 8.48 min Scan# 968
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	105	Resp:	124391
Ion	Ratio	Lower	Upper
105	100		
71	5.6	6.6	10.0#
51	41.8	34.1	51.1
120	20.0	16.1	24.1

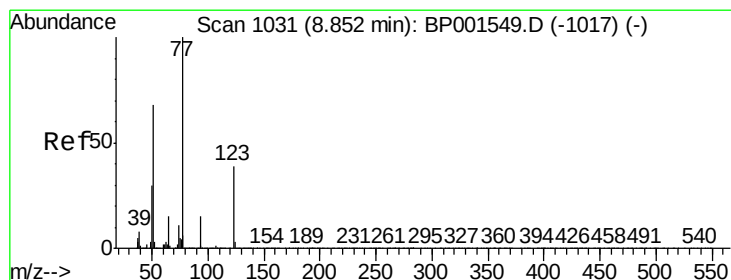
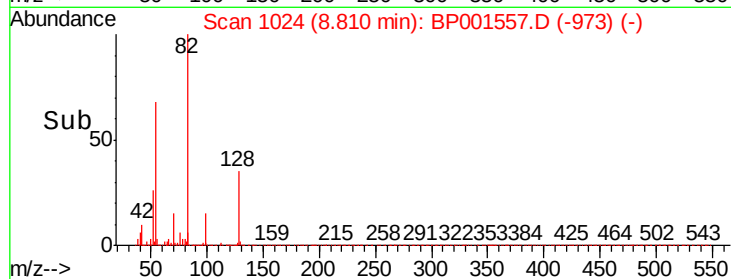
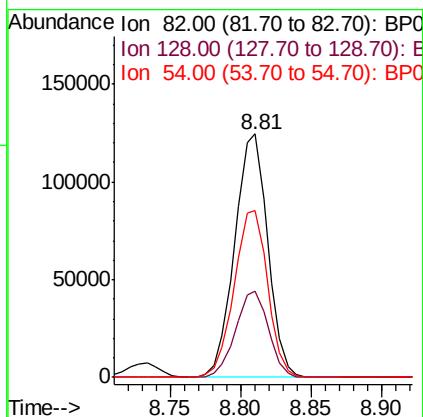
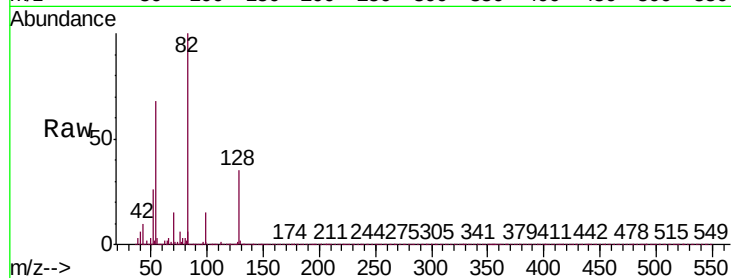




#23
Nitrobenzene-d5
Concen: 74.212 ng
RT: 8.81 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

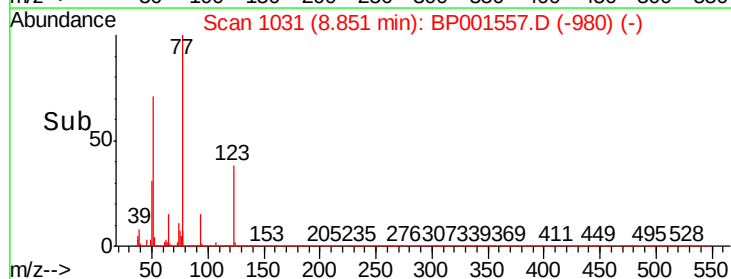
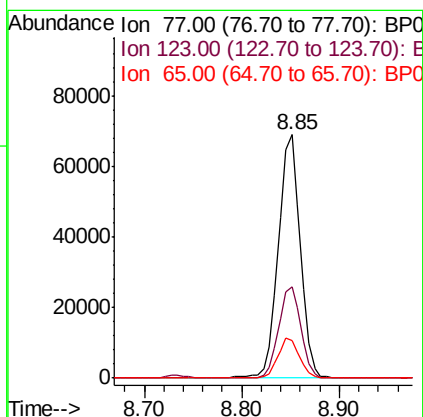
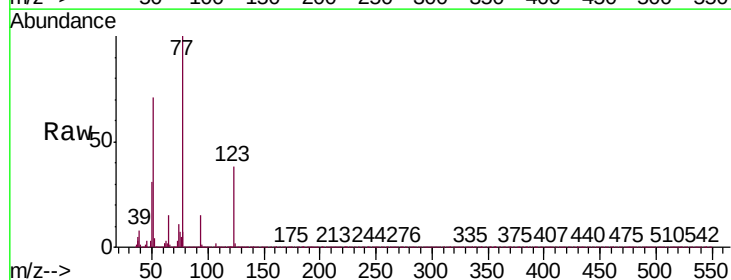
Instrument :
BNA_P
ClientSampleId :
PB125843BS

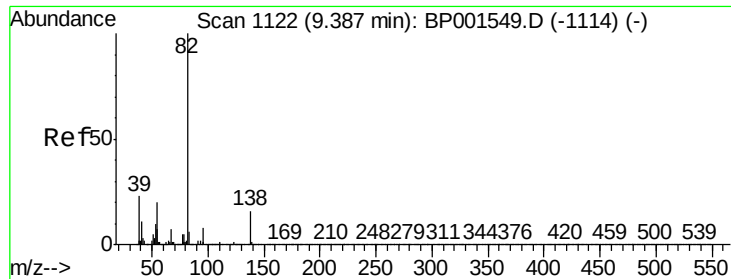
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.4	28.4	42.6
54	68.3	53.4	80.2



#24
Nitrobenzene
Concen: 38.784 ng
RT: 8.85 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	31.1	46.7
65	15.4	12.4	18.6

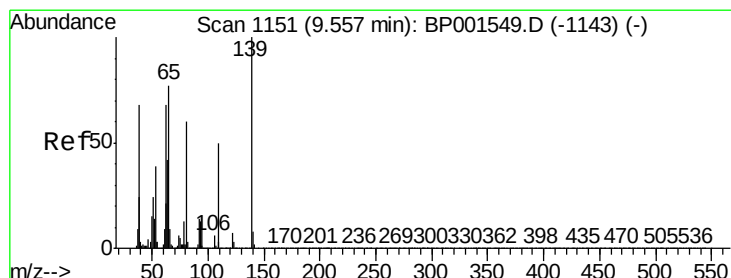
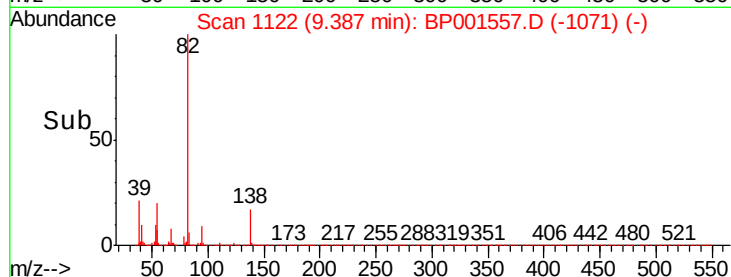
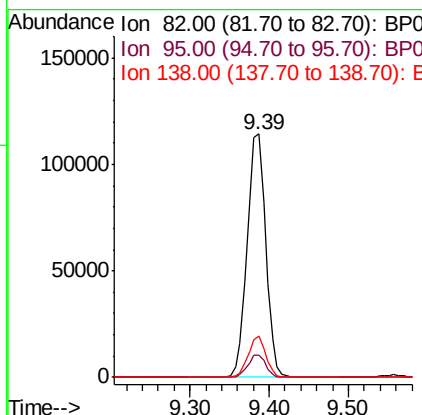
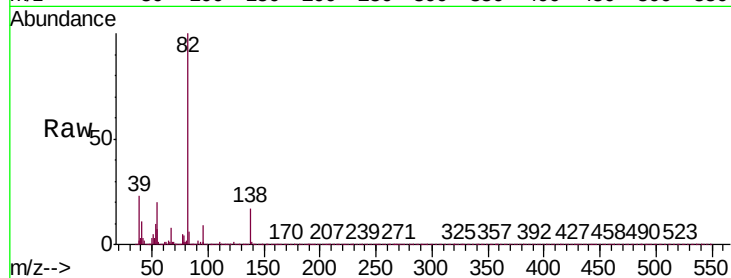




#25
Isophorone
Concen: 38.042 ng
RT: 9.39 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

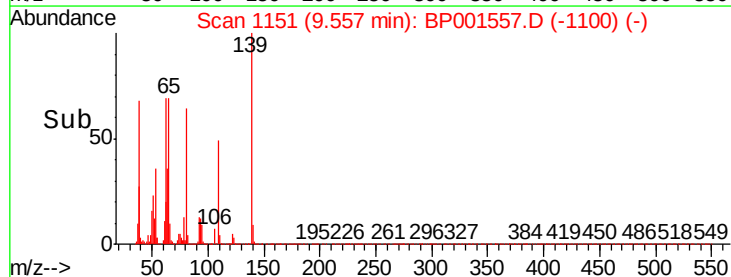
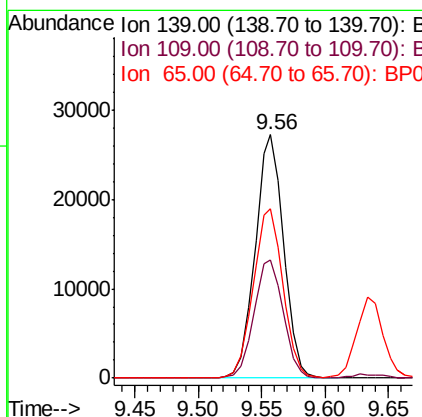
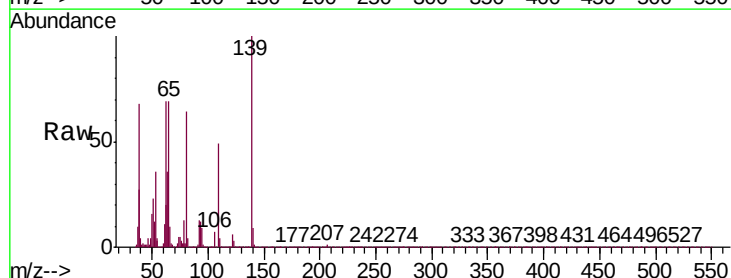
Instrument :
BNA_P
ClientSampleId :
PB125843BS

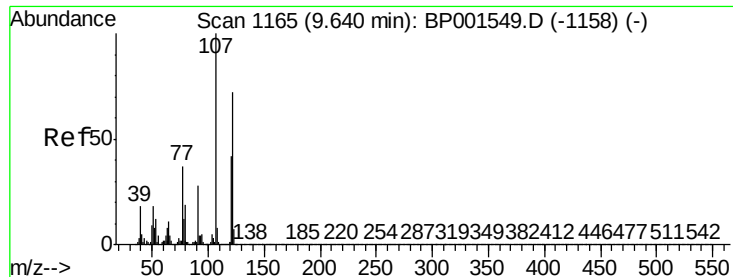
Tgt Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.7	10.1
138	16.9	12.5	18.7



#26
2-Nitrophenol
Concen: 40.618 ng
RT: 9.56 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	48.8	39.6	59.4
65	69.4	61.3	91.9





#27

2,4-Dimethylphenol

Concen: 49.723 ng

RT: 9.63 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

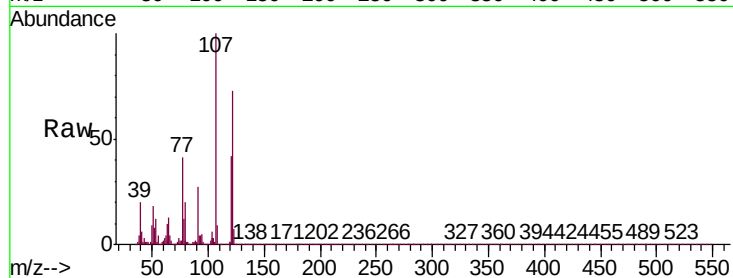
Tgt Ion: 122 Resp: 77821

Ion Ratio Lower Upper

122 100

107 137.5 111.8 167.6

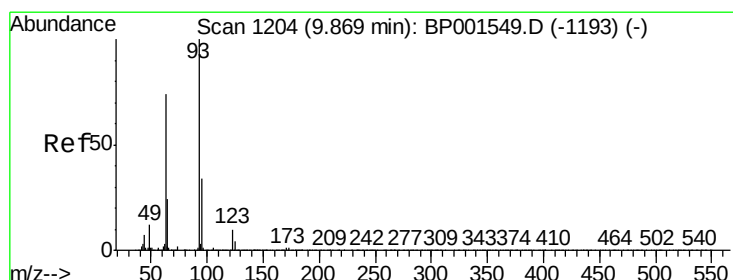
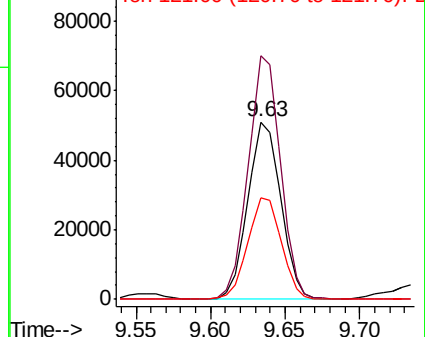
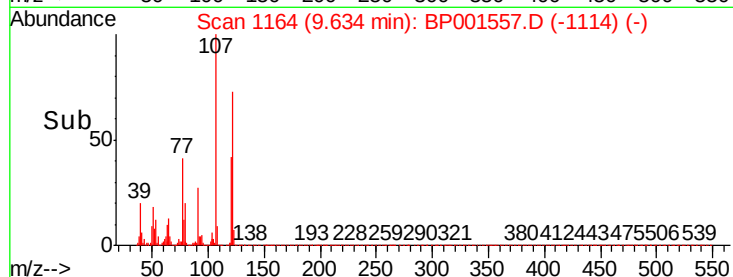
121 57.2 47.4 71.0



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: 37.496 ng

RT: 9.86 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

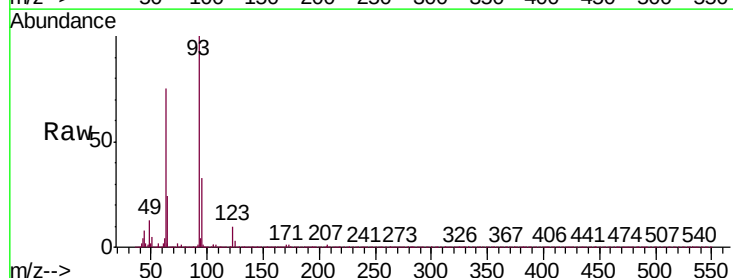
Tgt Ion: 93 Resp: 107935

Ion Ratio Lower Upper

93 100

95 32.5 26.9 40.3

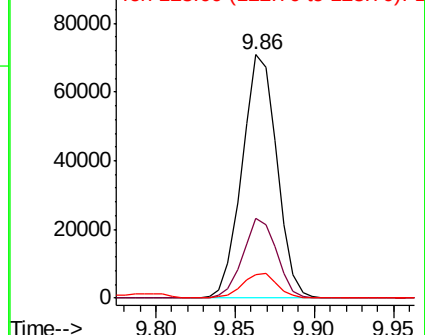
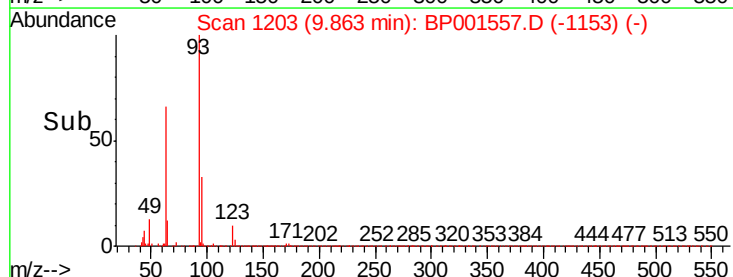
123 9.7 8.0 12.0

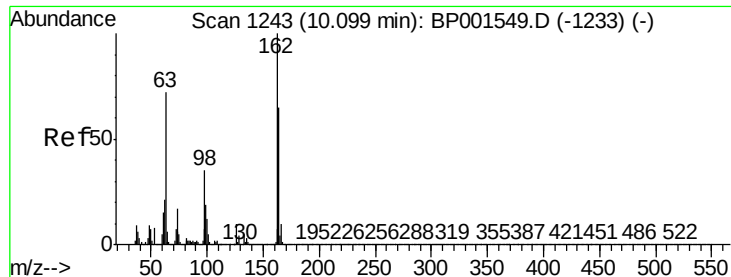


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

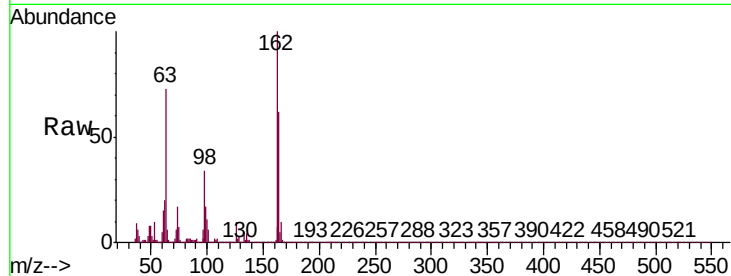




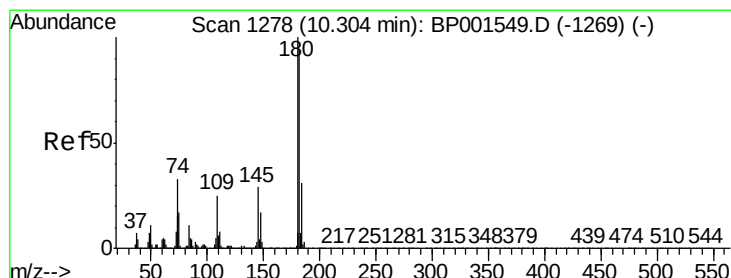
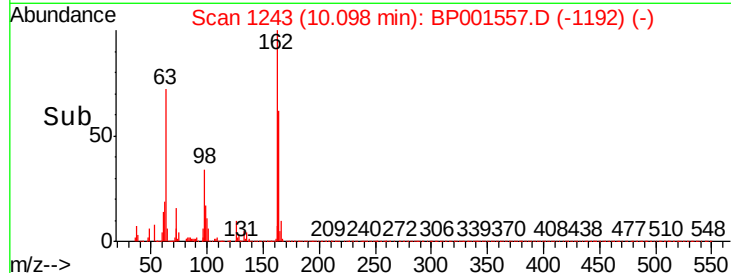
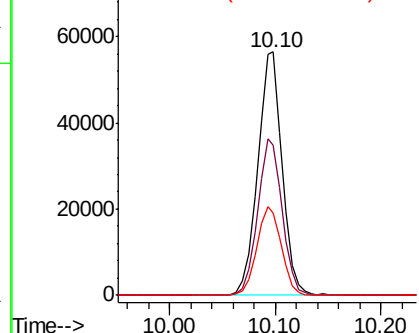
#29
2,4-Dichlorophenol
Concen: 42.543 ng
RT: 10.10 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Instrument :
BNA_P
ClientSampleId :
PB125843BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.9	84.9
98	33.6	14.9	54.9

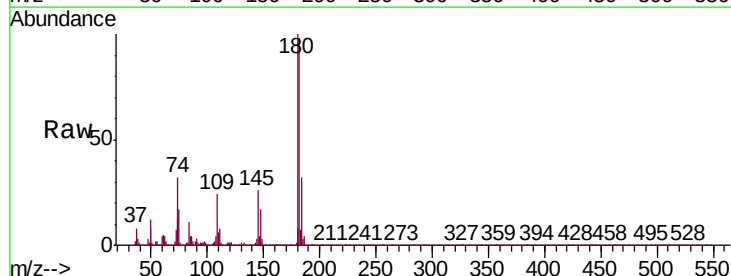


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BP0

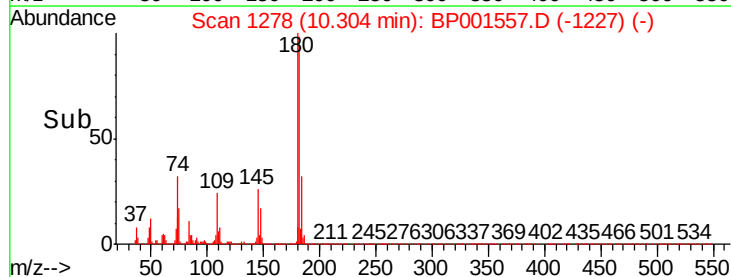
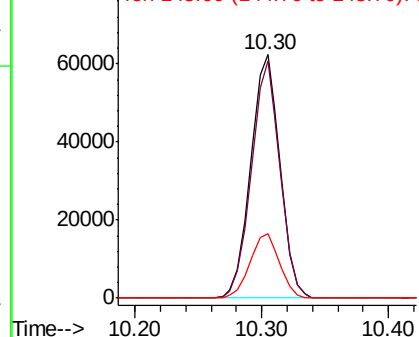


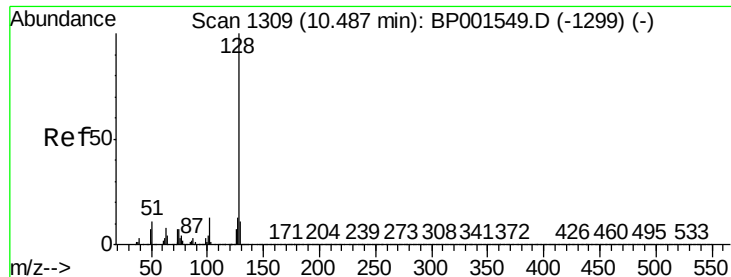
#30
1,2,4-Trichlorobenzene
Concen: 38.527 ng
RT: 10.30 min Scan# 1278
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.2	112.8
145	26.5	22.9	34.3



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

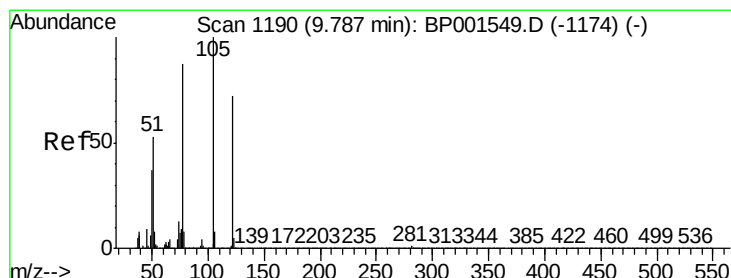
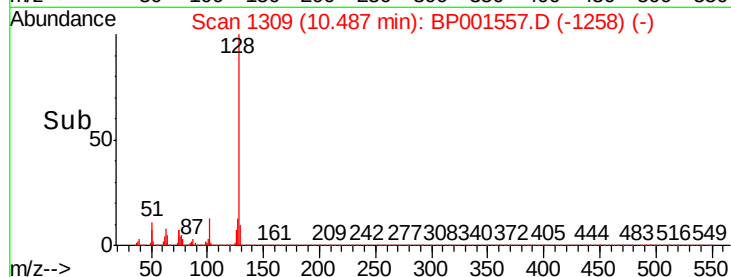
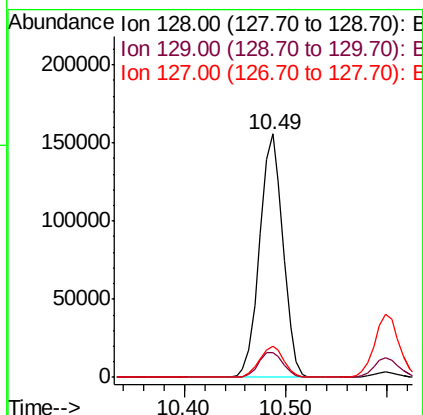
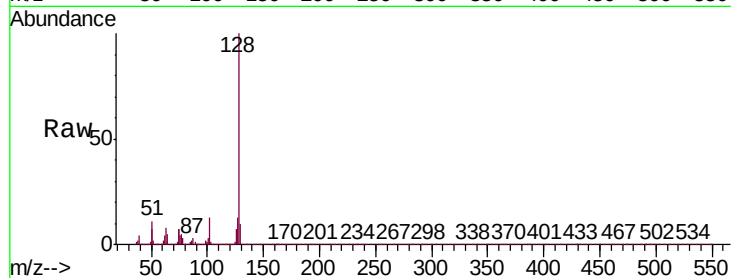




#31
Naphthalene
Concen: 39.328 ng
RT: 10.49 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

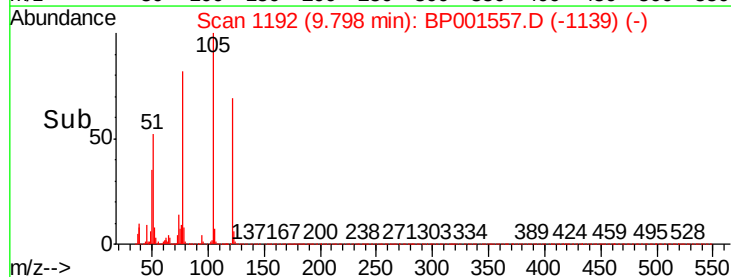
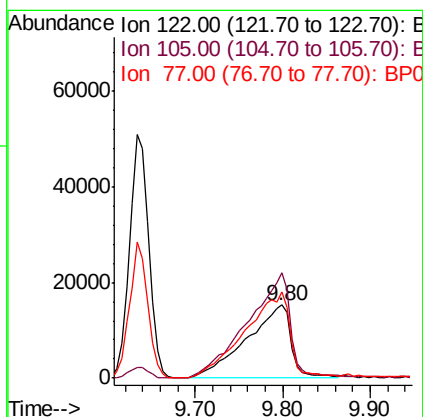
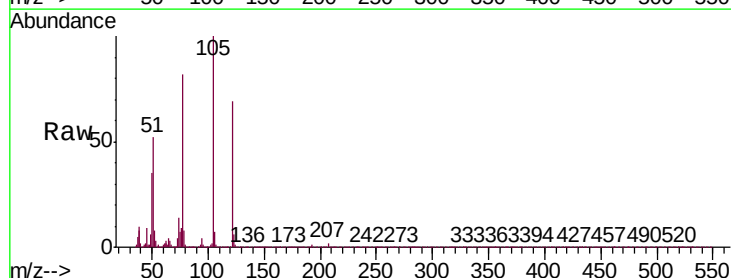
Instrument :
BNA_P
ClientSampleId :
PB125843BS

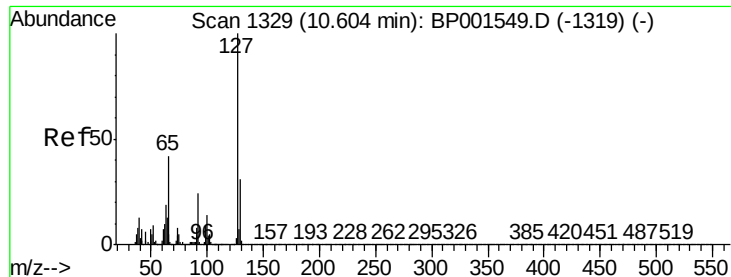
Tgt Ion:	128	Resp:	248528
Ion	Ratio	Lower	Upper
128	100		
129	10.2	8.9	13.3
127	12.6	10.6	16.0



#32
Benzoic acid
Concen: 38.351 ng
RT: 9.80 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	122	Resp:	52542
Ion	Ratio	Lower	Upper
122	100		
105	144.1	119.5	159.5
77	118.2	102.8	142.8

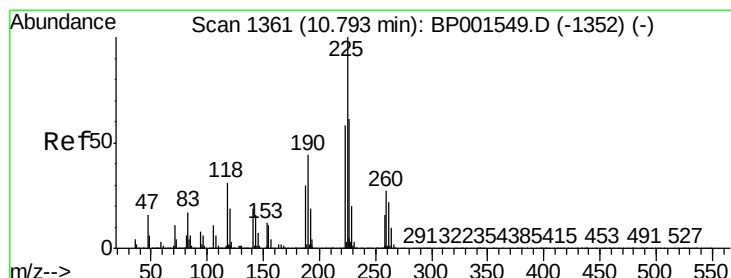
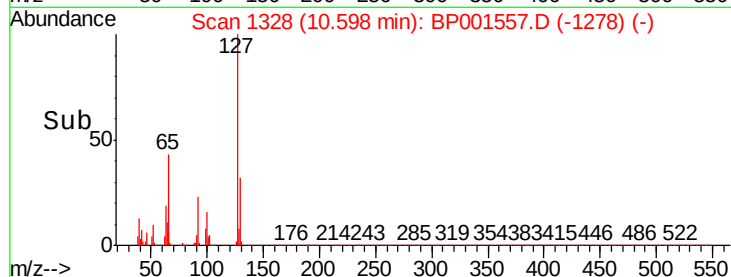
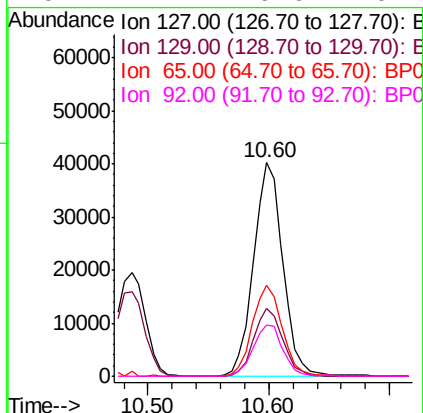
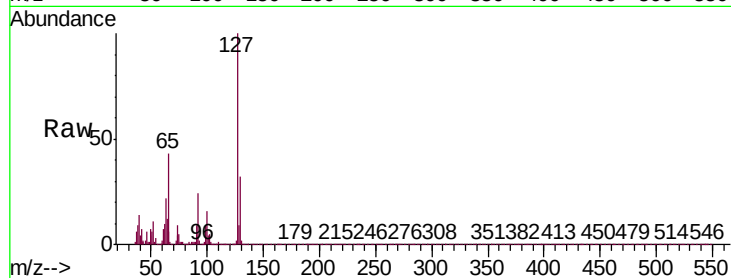




#33
4-Chloroaniline
Concen: 23.390 ng
RT: 10.60 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

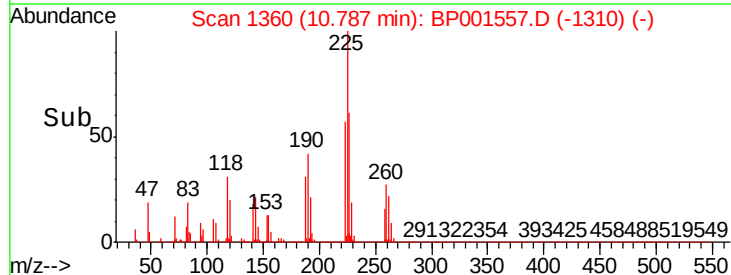
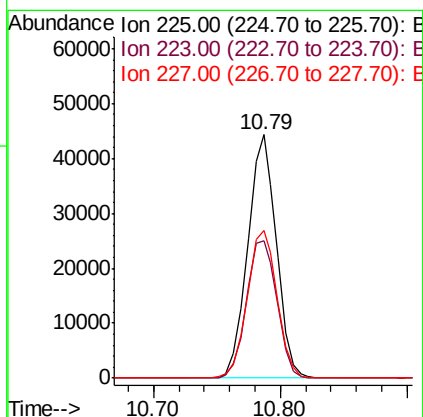
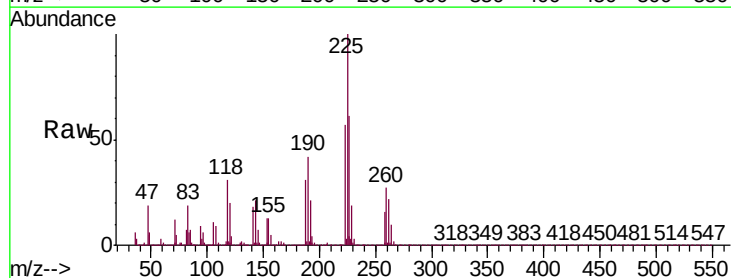
Instrument :
BNA_P
ClientSampleId :
PB125843BS

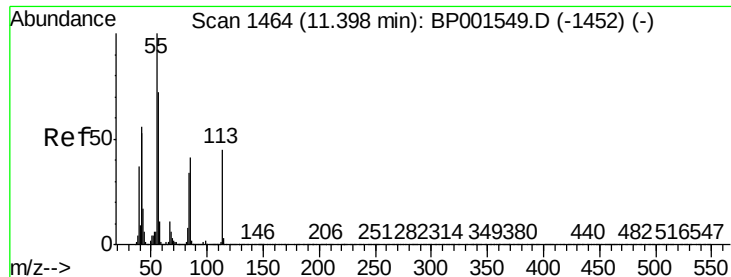
Tgt Ion:	127	Resp:	68055
Ion	Ratio	Lower	Upper
127	100		
129	31.7	24.9	37.3
65	42.7	33.3	49.9
92	24.1	19.6	29.4



#34
Hexachlorobutadiene
Concen: 37.904 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	225	Resp:	69392
Ion	Ratio	Lower	Upper
225	100		
223	56.6	46.5	69.7
227	60.9	48.8	73.2

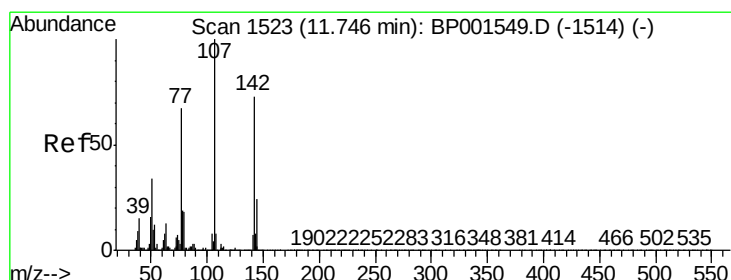
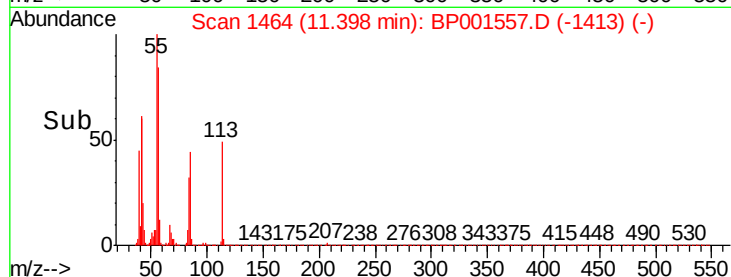
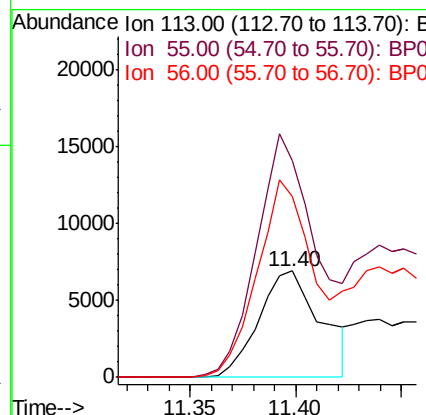
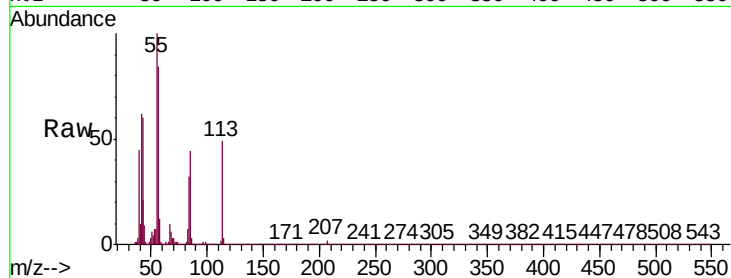




#35
 Caprolactam
 Concen: 18.188 ng
 RT: 11.40 min Scan# 1464
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

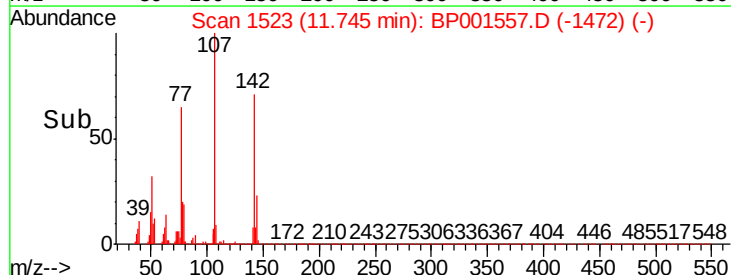
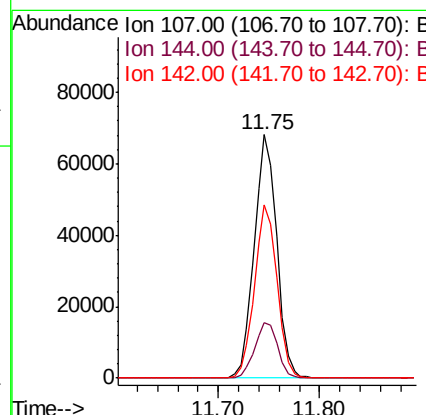
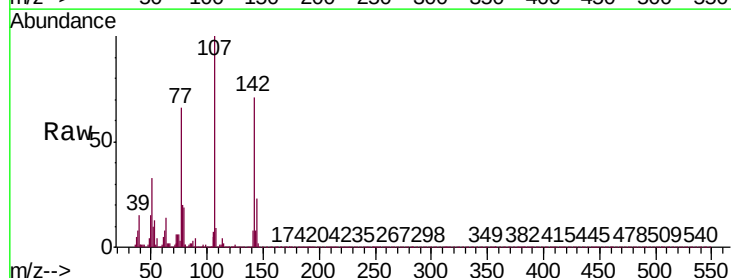
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BS

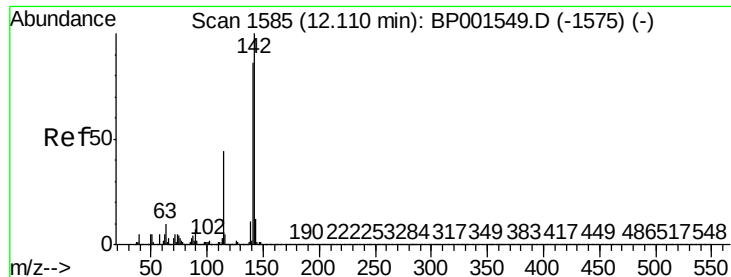
Tgt Ion:113 Resp: 14149
 Ion Ratio Lower Upper
 113 100
 55 203.5 202.7 242.7
 56 170.1 140.0 180.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.817 ng
 RT: 11.75 min Scan# 1523
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

Tgt Ion:107 Resp: 104943
 Ion Ratio Lower Upper
 107 100
 144 22.6 18.9 28.3
 142 71.4 58.0 87.0

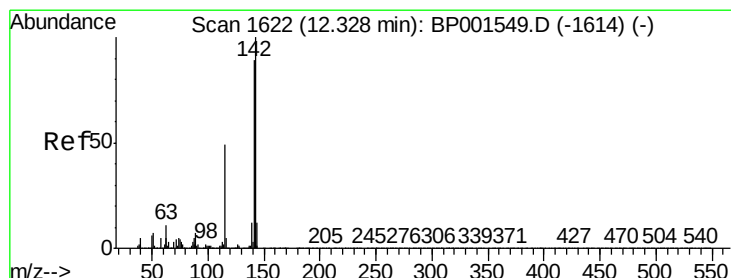
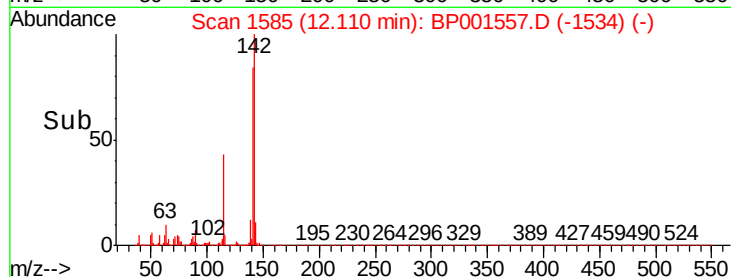
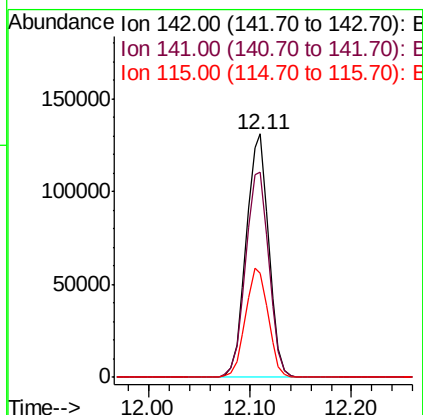
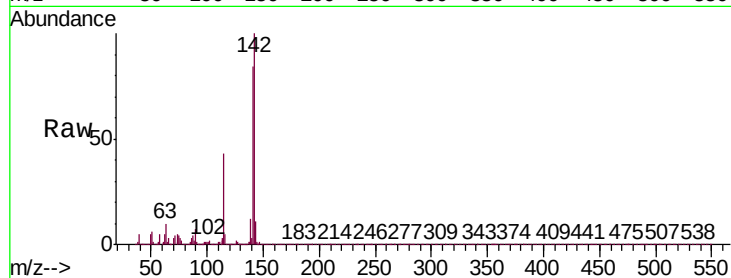




#37
2-Methylnaphthalene
Concen: 39.907 ng
RT: 12.11 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

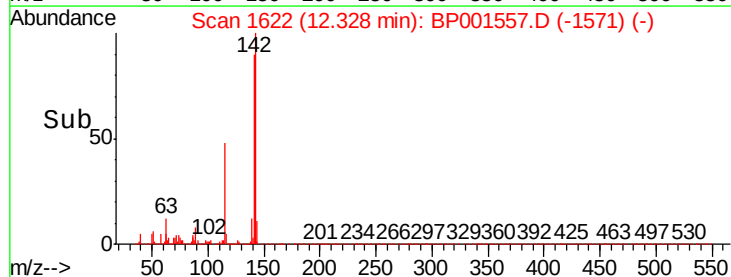
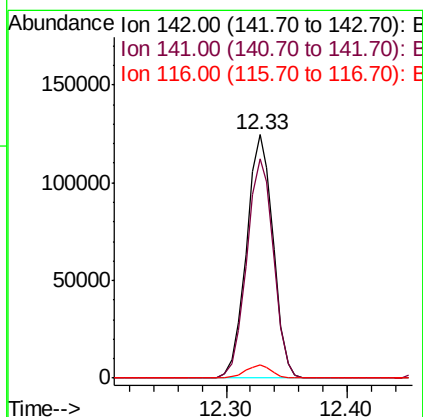
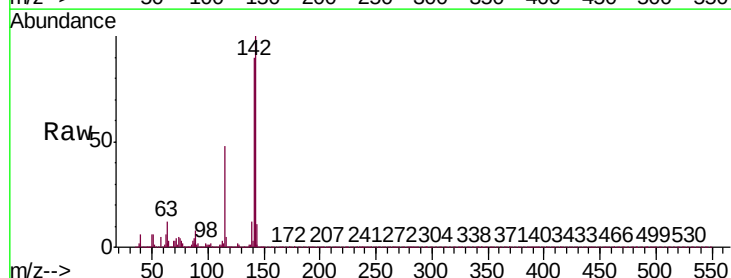
Instrument :
BNA_P
ClientSampleId :
PB125843BS

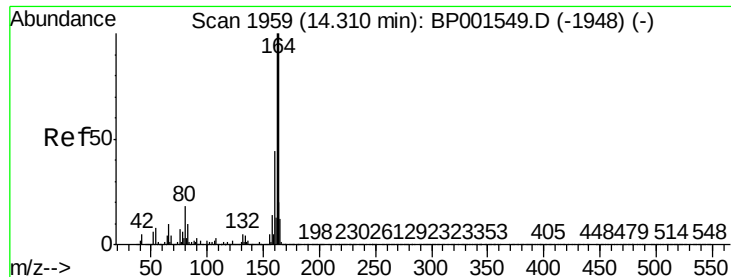
Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.3	68.4	102.6
115	42.8	35.1	52.7



#38
1-Methylnaphthalene
Concen: 39.574 ng
RT: 12.33 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.9	106.3
116	5.3	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: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

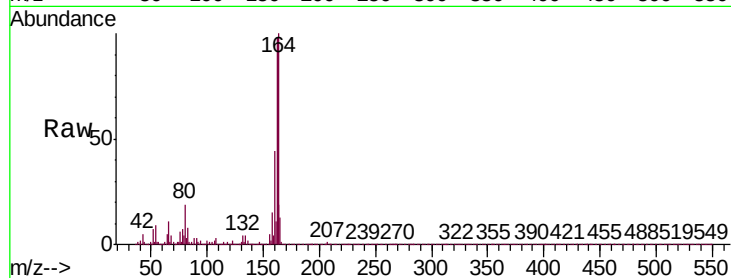
Tgt Ion:164 Resp: 101778

Ion Ratio Lower Upper

164 100

162 98.3 79.8 119.6

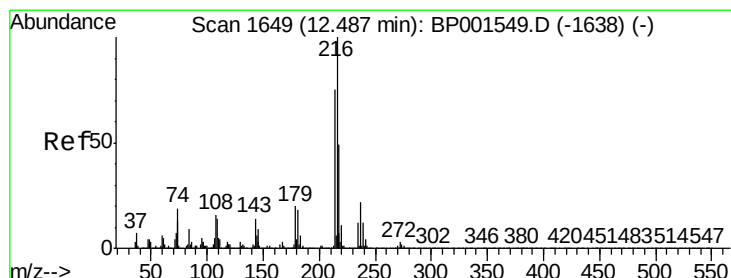
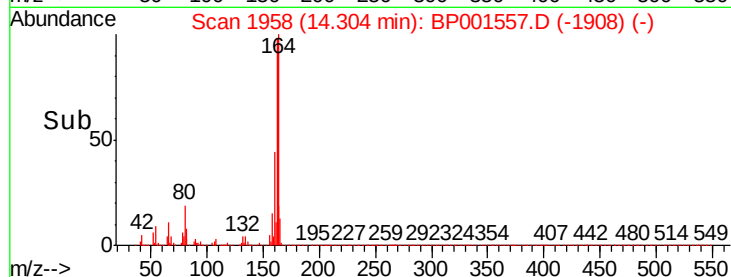
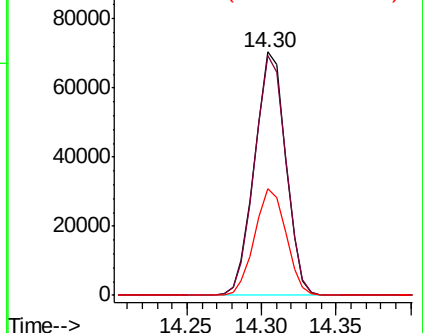
160 43.6 35.0 52.6



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: 37.757 ng

RT: 12.48 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Tgt Ion:216 Resp: 131640

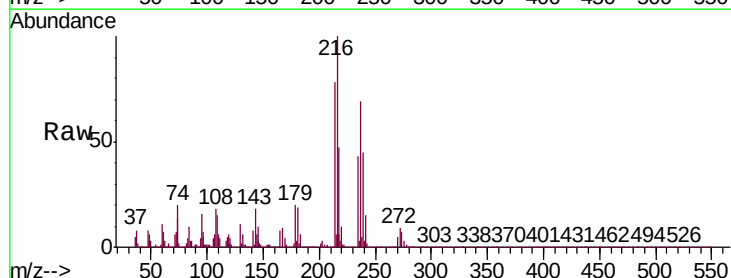
Ion Ratio Lower Upper

216 100

214 78.3 61.3 91.9

179 19.6 15.7 23.5

108 20.5 14.2 21.4

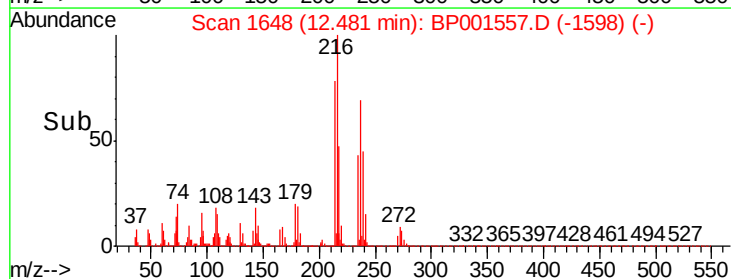
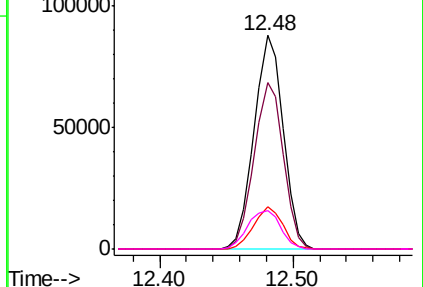


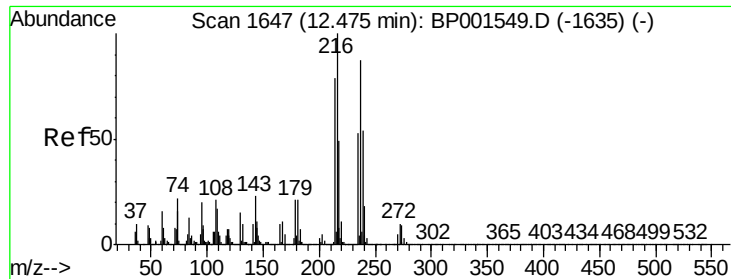
Abundance Ion 216.00 (215.70 to 216.70): E

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

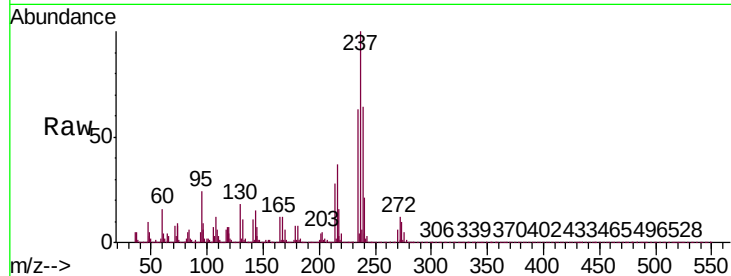




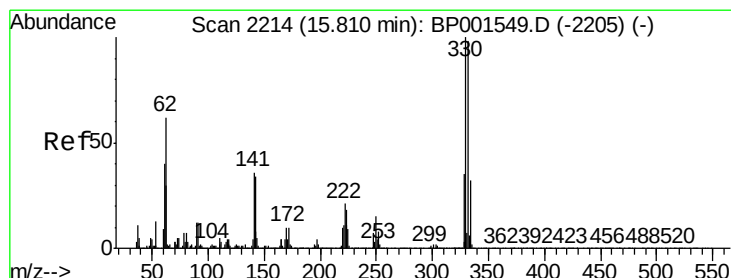
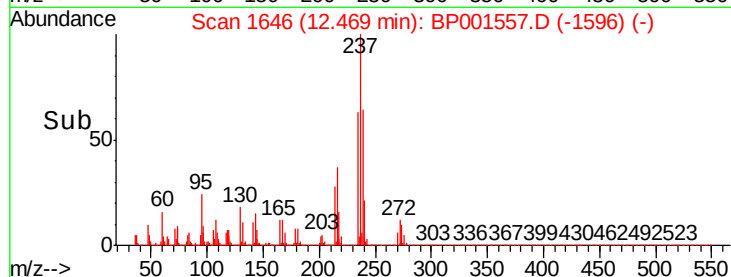
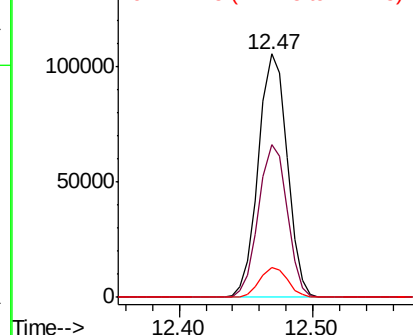
#41
Hexachlorocyclopentadiene
Concen: 88.587 ng
RT: 12.47 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Instrument :
BNA_P
ClientSampleId :
PB125843BS

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.8	41.6	81.6
272	12.3	0.0	31.2

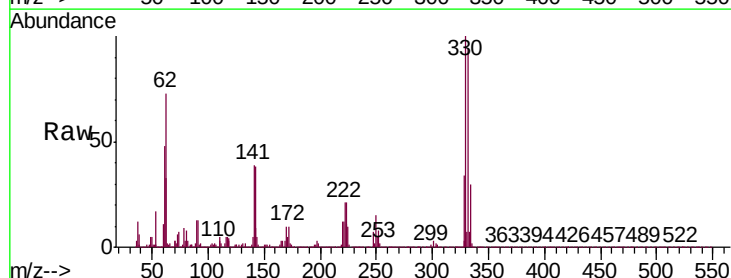


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

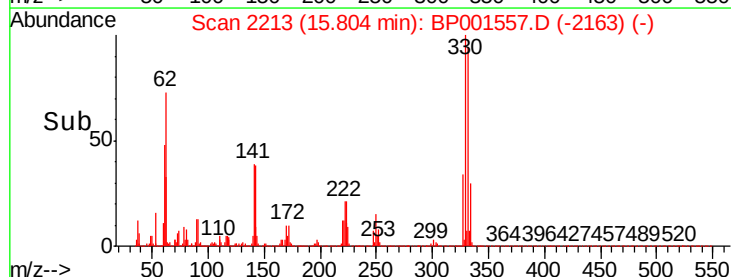
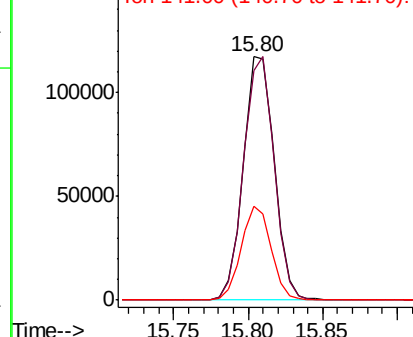


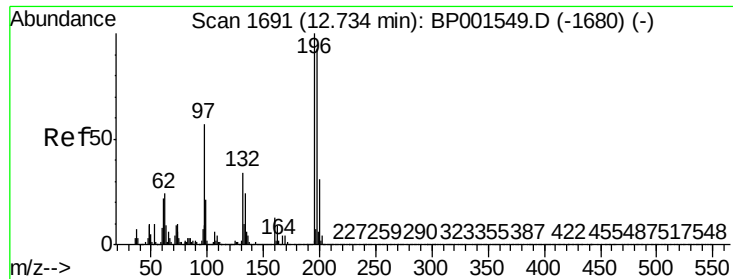
#42
2,4,6-Tribromophenol
Concen: 109.213 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.8	116.6
141	37.5	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

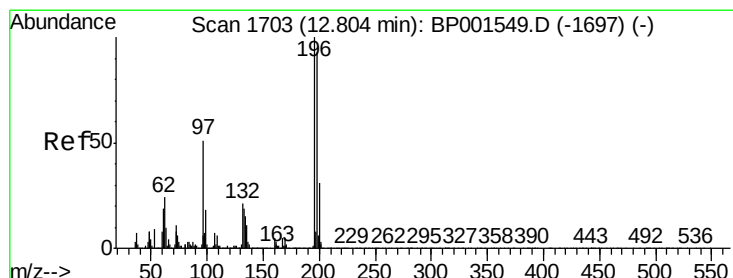
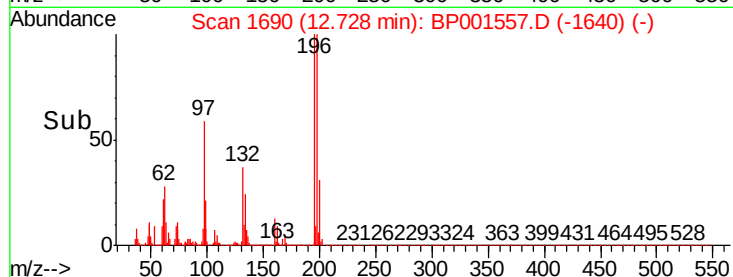
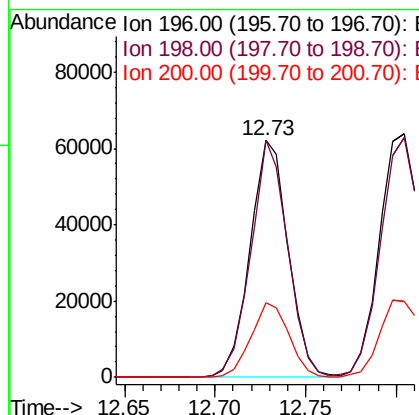
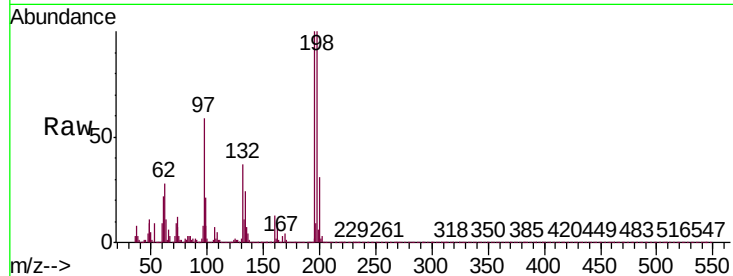




#43
 2,4,6-Trichlorophenol
 Concen: 40.384 ng
 RT: 12.73 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

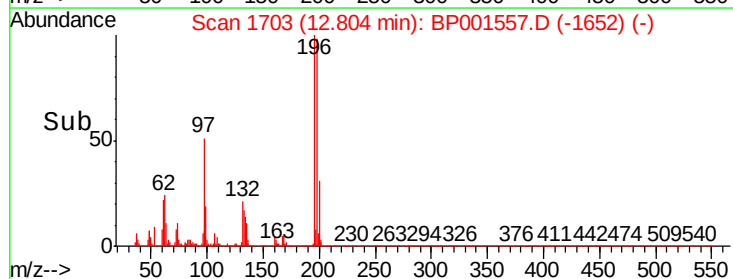
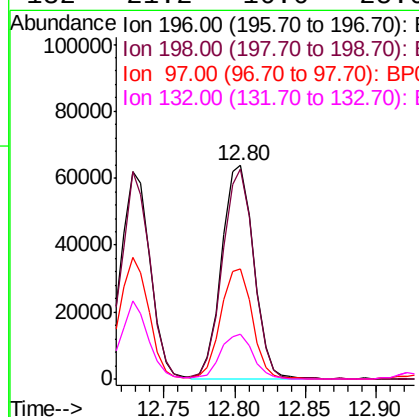
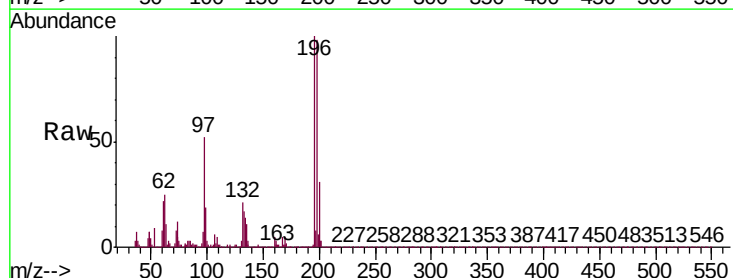
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BS

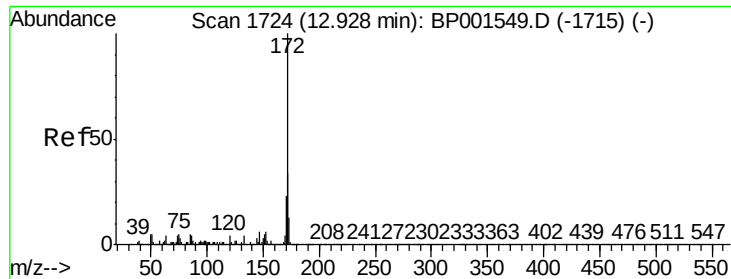
Tgt Ion:196 Resp: 90805
 Ion Ratio Lower Upper
 196 100
 198 99.9 74.2 111.4
 200 31.3 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 42.250 ng
 RT: 12.80 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

Tgt Ion:196 Resp: 100954
 Ion Ratio Lower Upper
 196 100
 198 98.3 74.6 111.8
 97 51.6 41.0 61.6
 132 21.2 16.6 25.0

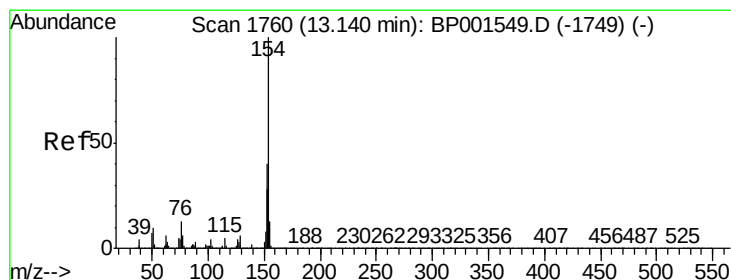
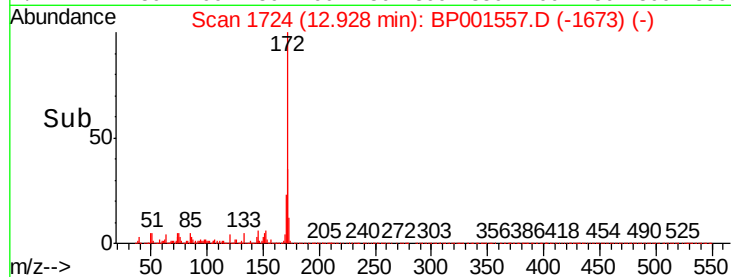
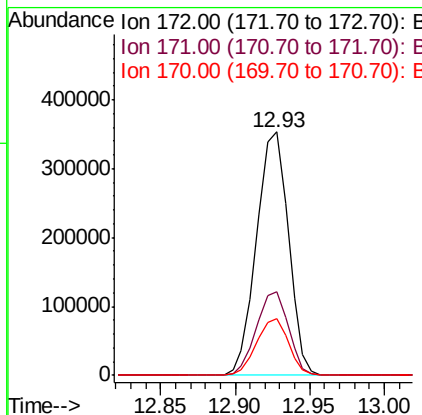
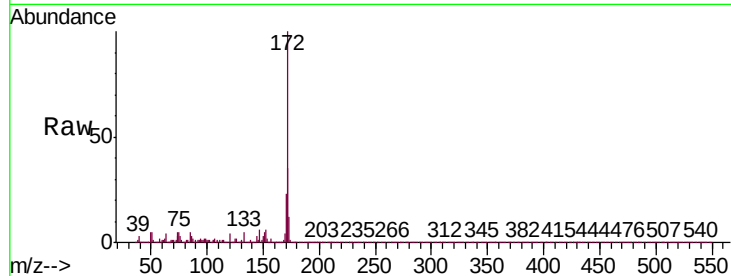




#45
2-Fluorobiphenyl
Concen: 75.538 ng
RT: 12.93 min Scan# 1724
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

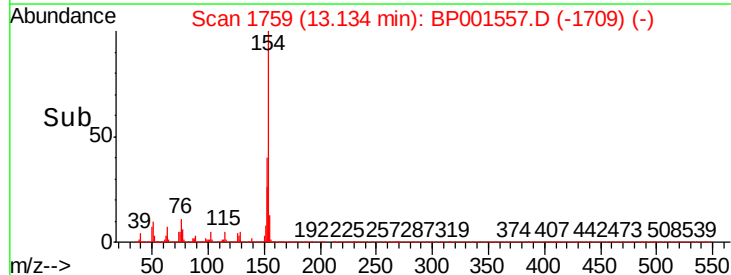
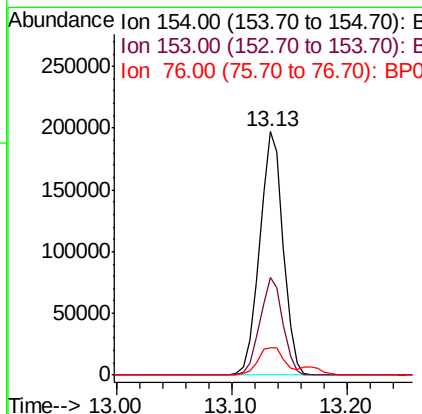
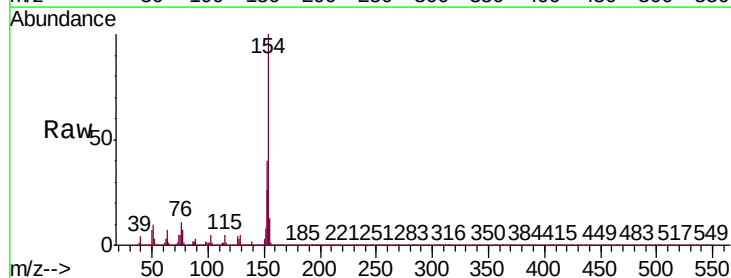
Instrument :
BNA_P
ClientSampleId :
PB125843BS

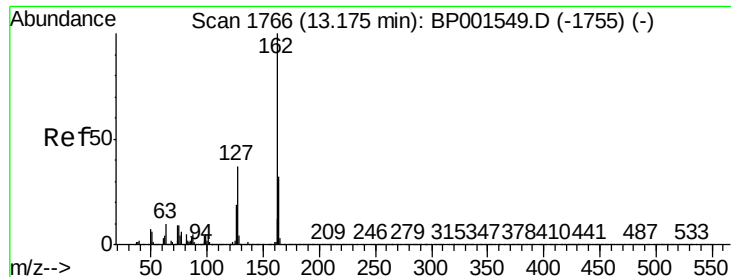
Tgt Ion:	172	Resp:	522900
Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.6	41.4
170	23.5	18.3	27.5



#46
1,1'-Biphenyl
Concen: 38.309 ng
RT: 13.13 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	154	Resp:	279395
Ion	Ratio	Lower	Upper
154	100		
153	40.2	19.5	59.5
76	11.0	0.0	33.1

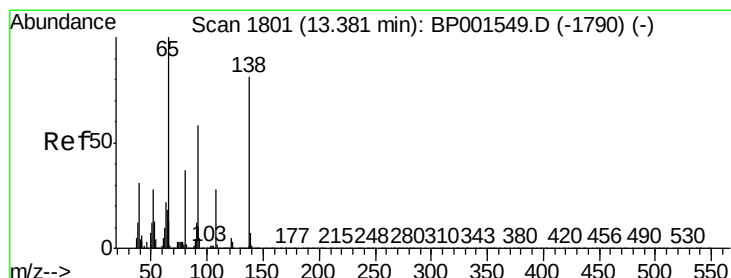
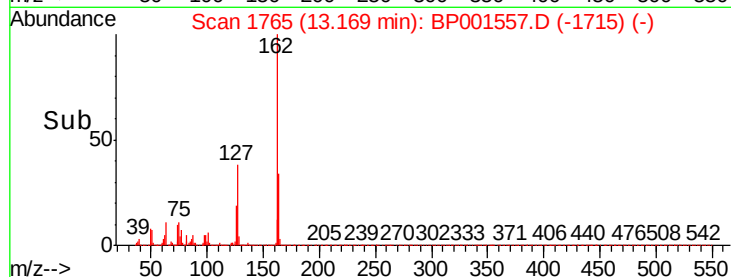
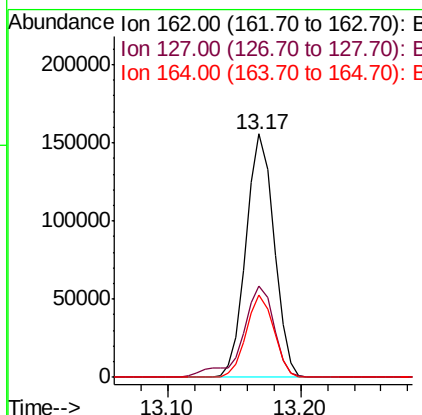
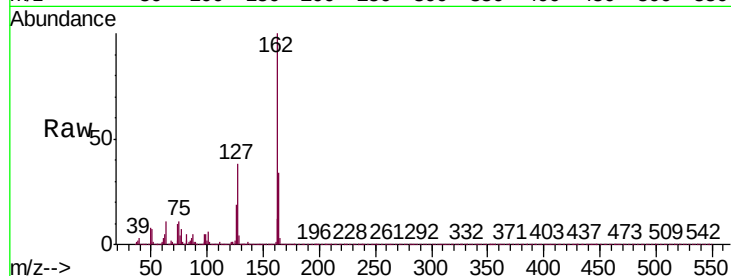




#47
 2-Chloronaphthalene
 Concen: 37.220 ng
 RT: 13.17 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

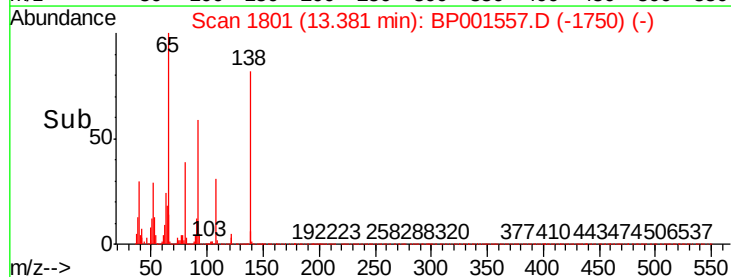
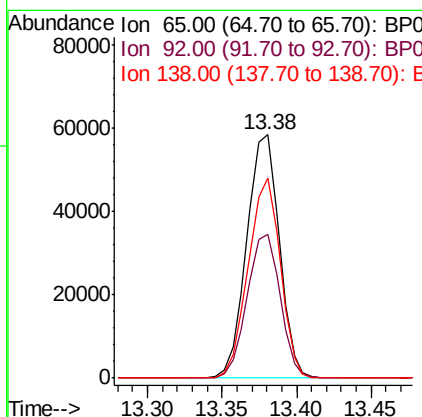
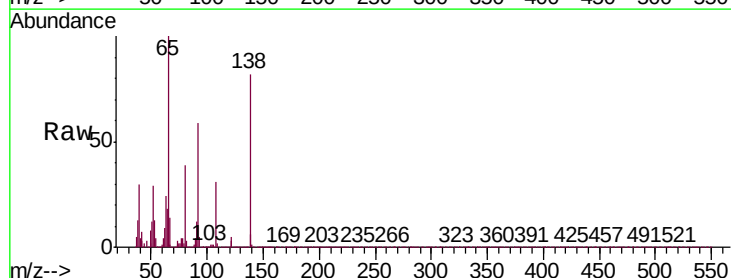
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BS

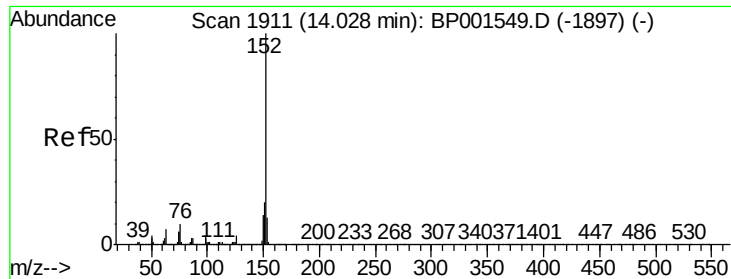
Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	29.9	44.9
164	33.7	26.0	39.0



#48
 2-Nitroaniline
 Concen: 36.962 ng
 RT: 13.38 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.3	46.2	69.2
138	82.3	64.7	97.1





#49

Acenaphthylene

Concen: 39.803 ng

RT: 14.02 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

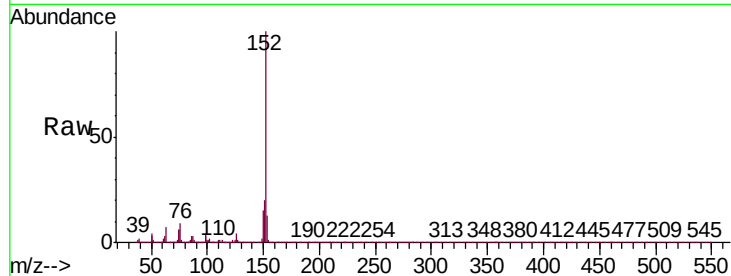
Tgt Ion:152 Resp: 372088

Ion Ratio Lower Upper

152 100

151 19.6 15.9 23.9

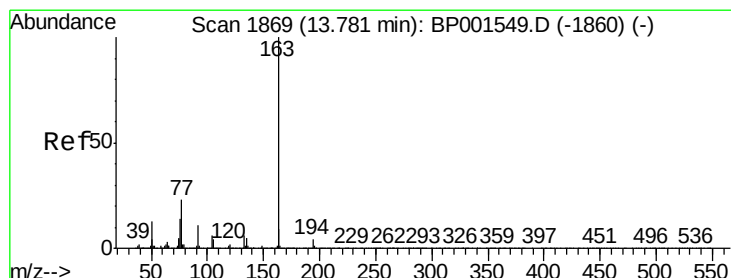
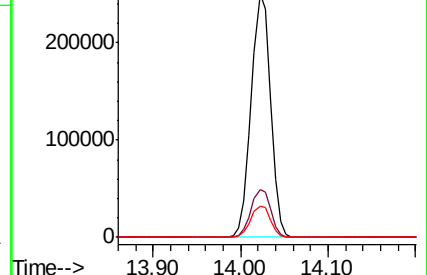
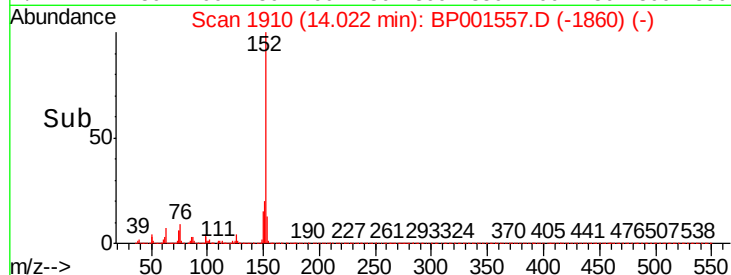
153 12.8 10.4 15.6



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: 37.125 ng

RT: 13.78 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

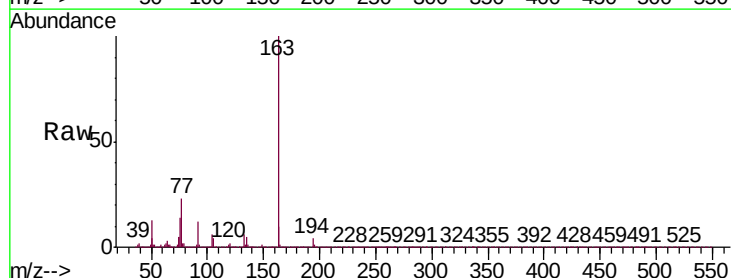
Tgt Ion:163 Resp: 311215

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

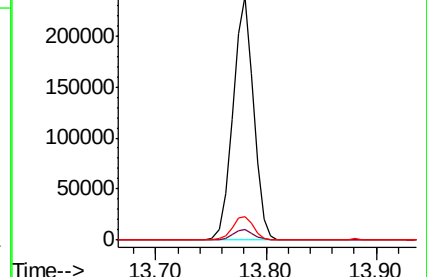
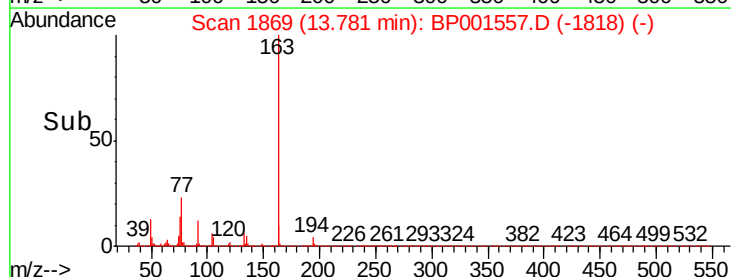
164 9.5 7.5 11.3

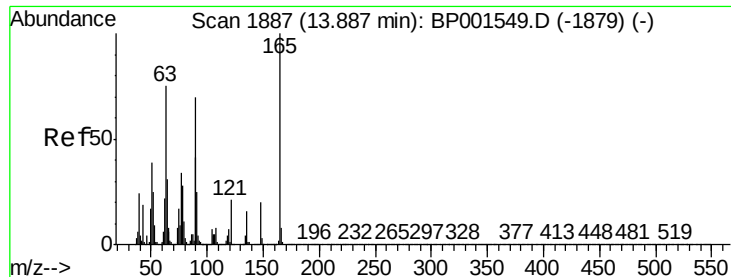


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

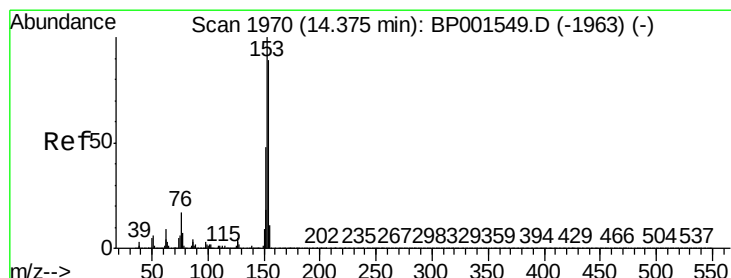
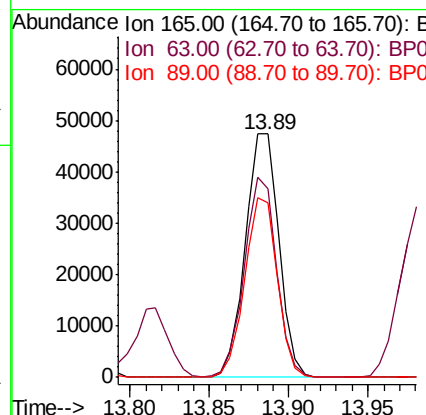
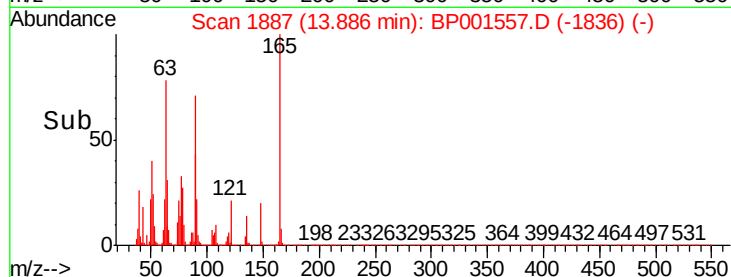
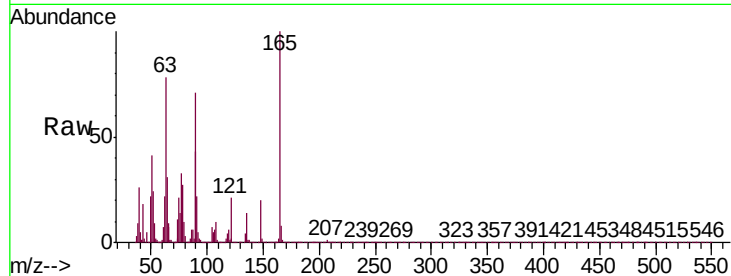




#51
2,6-Dinitrotoluene
Concen: 39.100 ng
RT: 13.89 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

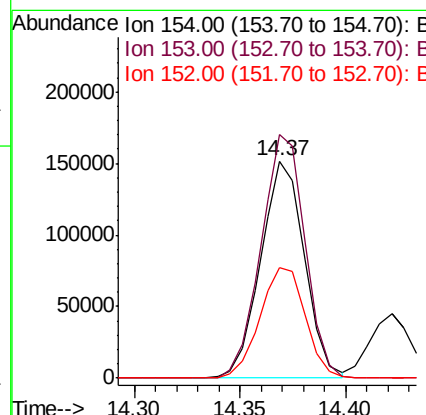
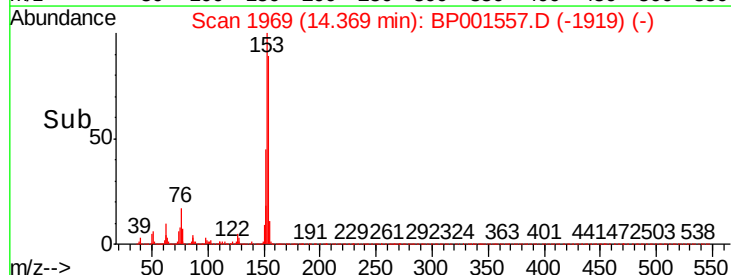
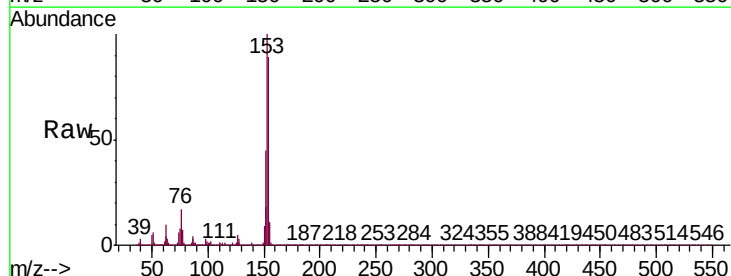
Instrument :
BNA_P
ClientSampleId :
PB125843BS

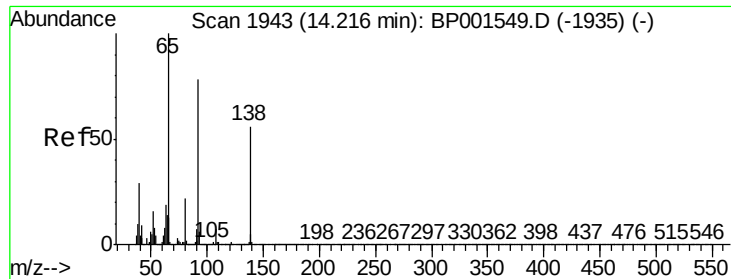
Tgt Ion	Ratio	Lower	Upper
165	100		
63	77.6	60.9	91.3
89	71.4	55.7	83.5



#52
Acenaphthene
Concen: 37.690 ng
RT: 14.37 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.2	89.4	134.2
152	50.9	42.6	64.0

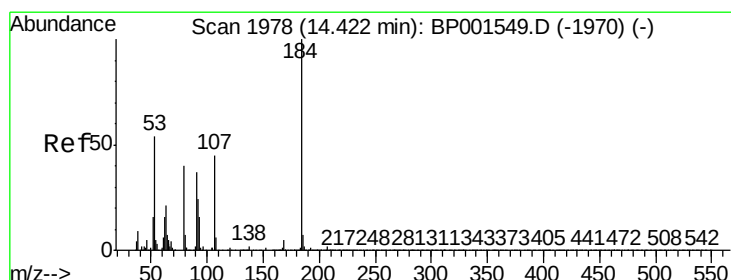
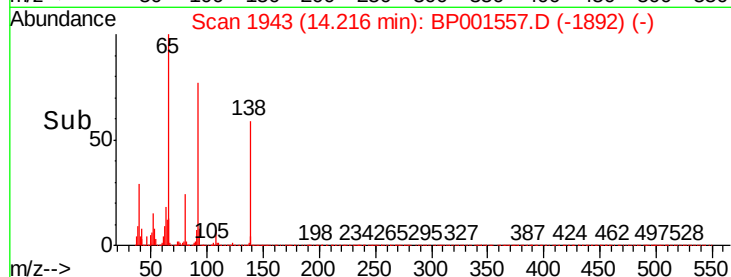
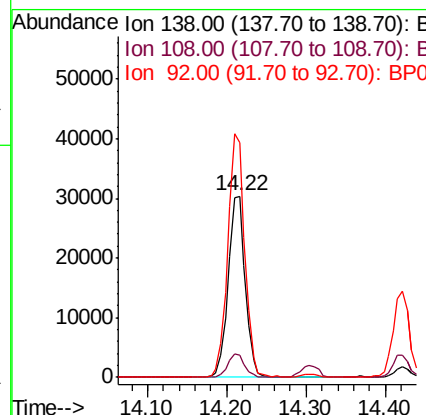
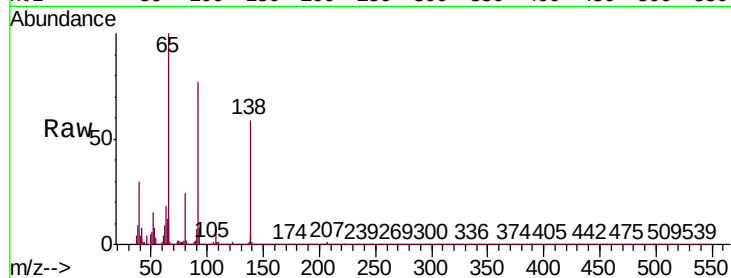




#53
3-Nitroaniline
Concen: 24.028 ng
RT: 14.22 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

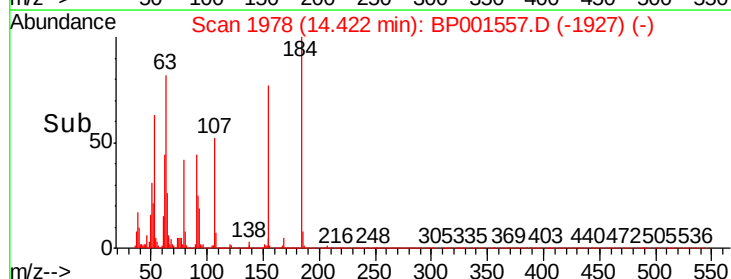
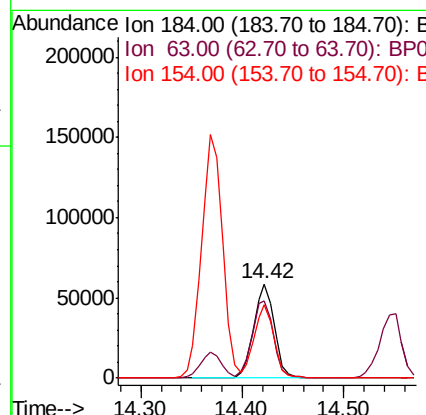
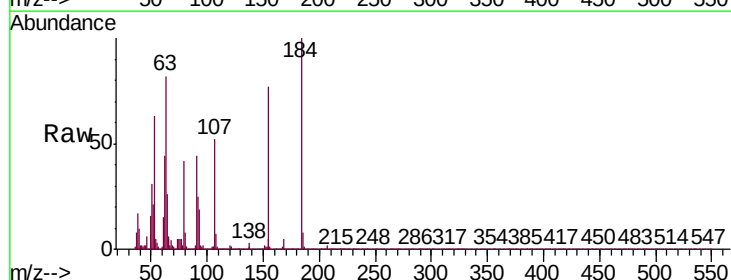
Instrument :
BNA_P
ClientSampleId :
PB125843BS

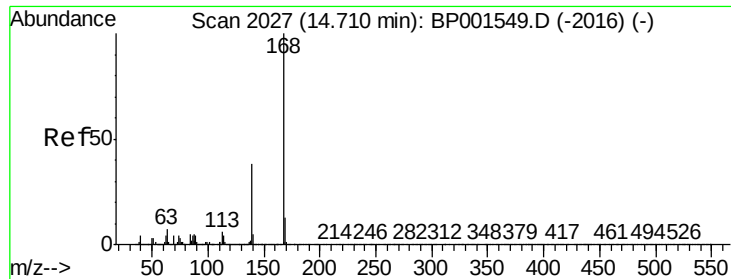
Tgt Ion:138 Resp: 45099
Ion Ratio Lower Upper
138 100
108 12.4 9.9 14.9
92 129.6 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 82.628 ng
RT: 14.42 min Scan# 1978
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:184 Resp: 82589
Ion Ratio Lower Upper
184 100
63 81.7 59.7 89.5
154 77.5 53.9 80.9

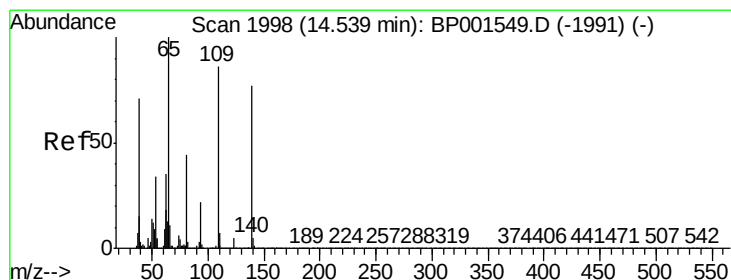
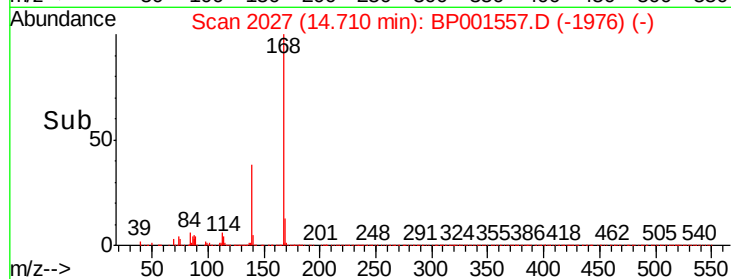
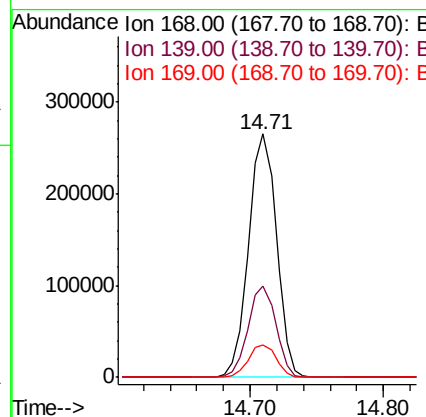
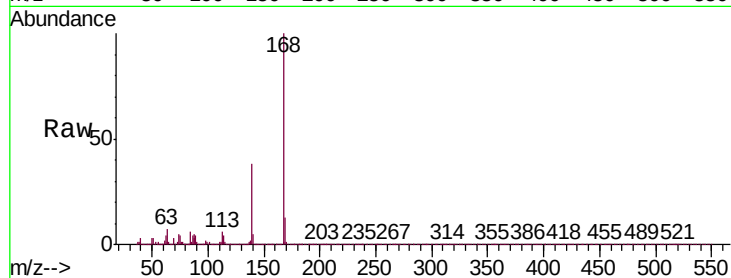




#55
Dibenzofuran
Concen: 38.902 ng
RT: 14.71 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

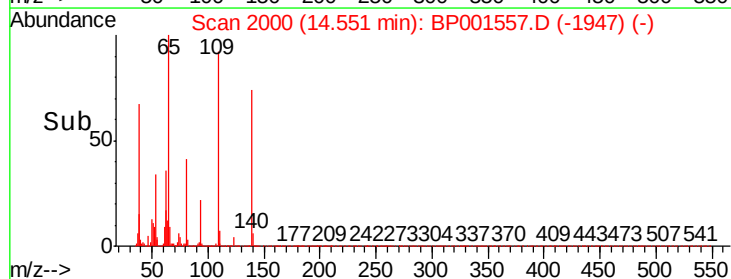
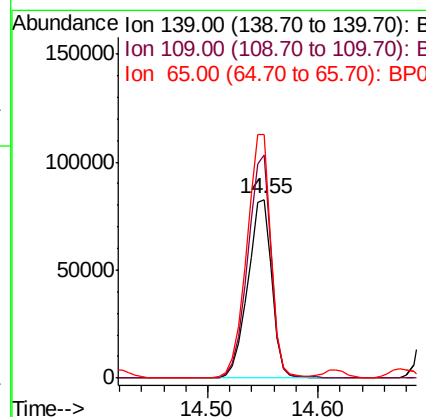
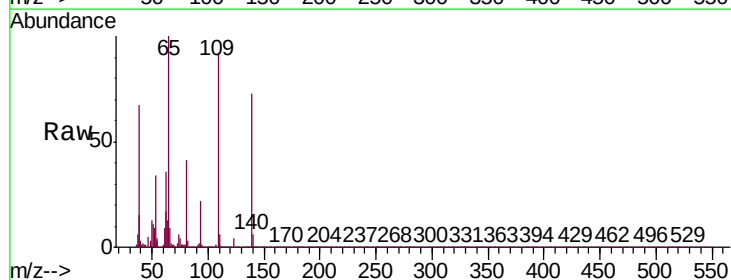
Instrument :
BNA_P
ClientSampleId :
PB125843BS

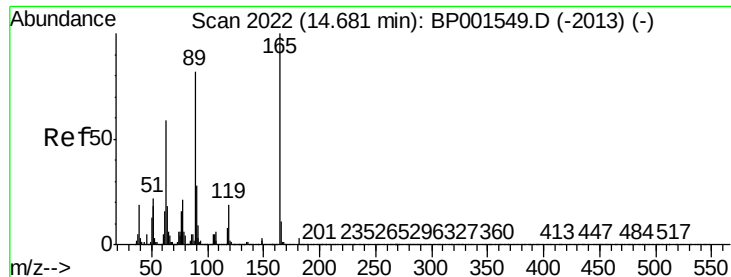
Tgt Ion:168 Resp: 380877
Ion Ratio Lower Upper
168 100
139 37.7 30.2 45.4
169 13.4 10.6 16.0



#56
4-Nitrophenol
Concen: 84.487 ng
RT: 14.55 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:139 Resp: 126628
Ion Ratio Lower Upper
139 100
109 125.0 92.7 132.7
65 136.3 111.1 151.1

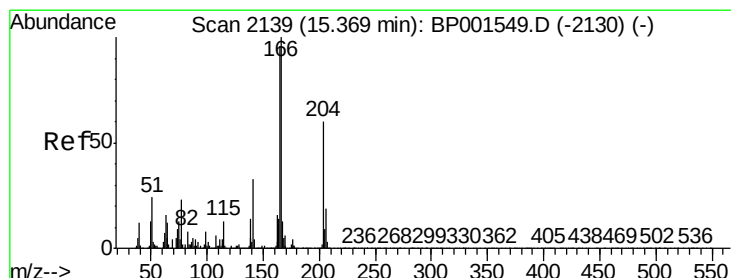
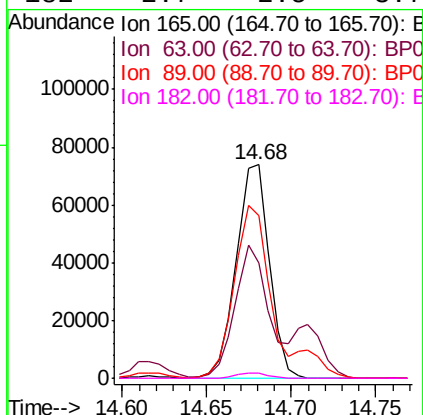
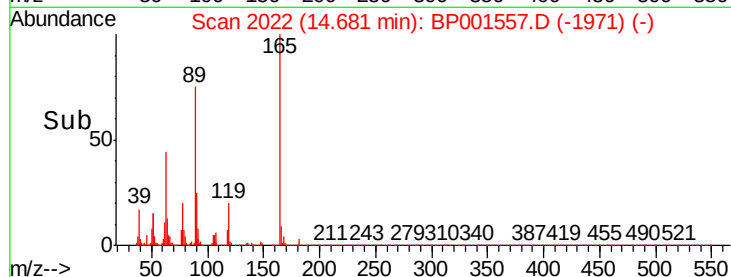
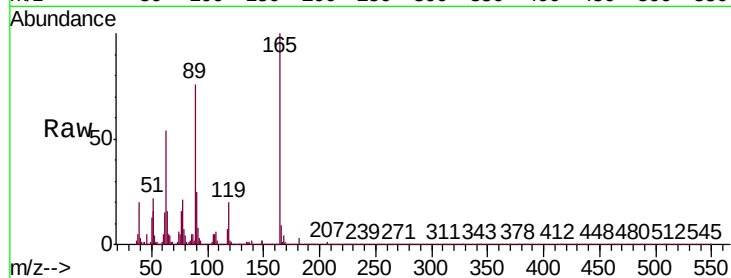




#57
2,4-Dinitrotoluene
Concen: 38.973 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

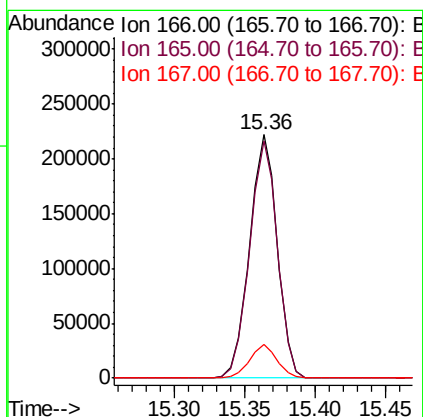
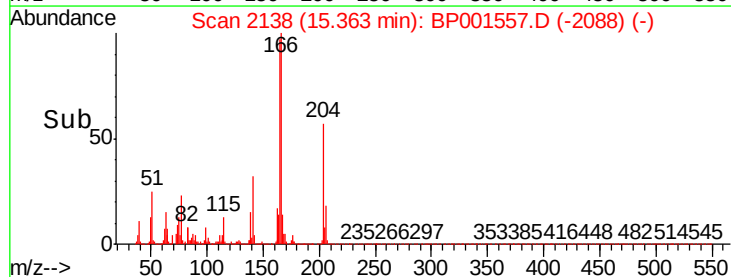
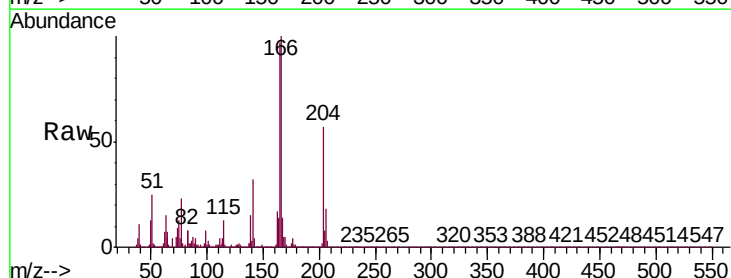
Instrument :
BNA_P
ClientSampleId :
PB125843BS

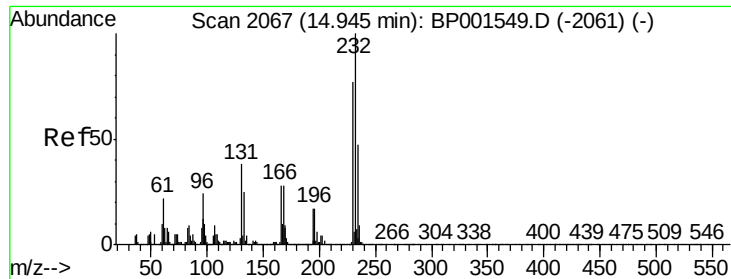
Tgt Ion:165 Resp: 101371
Ion Ratio Lower Upper
165 100
63 54.2 47.3 70.9
89 76.3 65.4 98.0
182 2.7 2.5 3.7



#58
Fluorene
Concen: 38.666 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:166 Resp: 306329
Ion Ratio Lower Upper
166 100
165 97.2 76.9 115.3
167 13.9 10.3 15.5

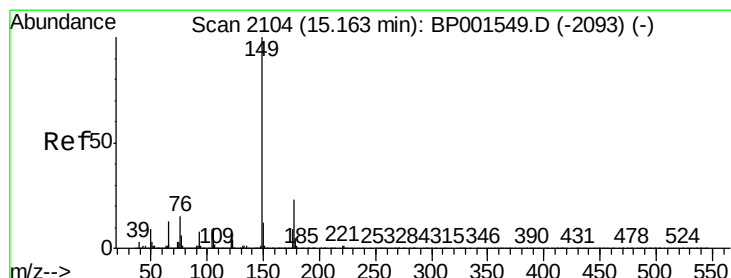
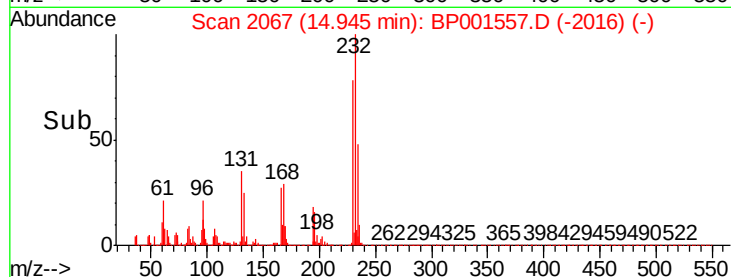
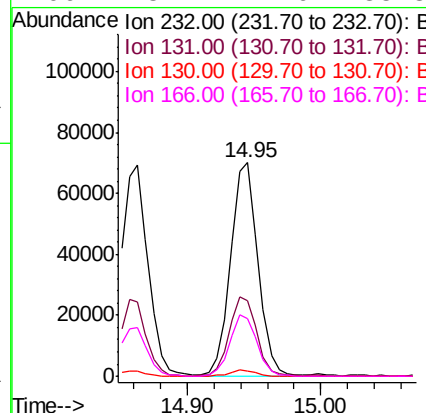
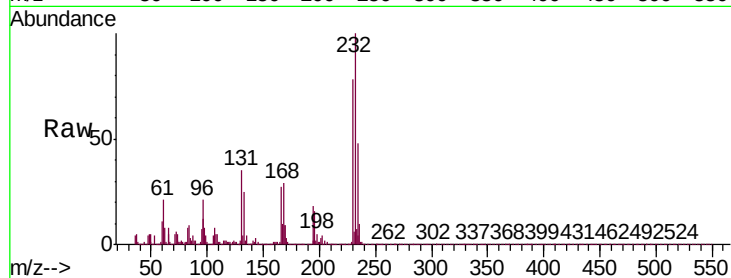




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.061 ng
RT: 14.95 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

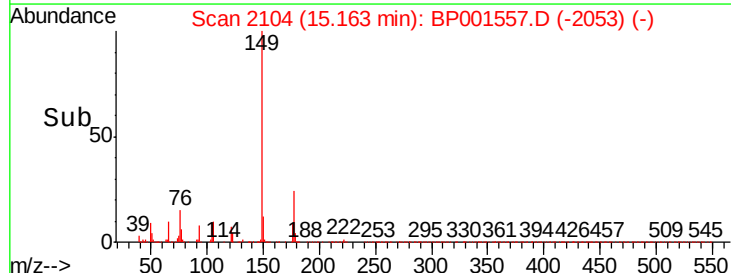
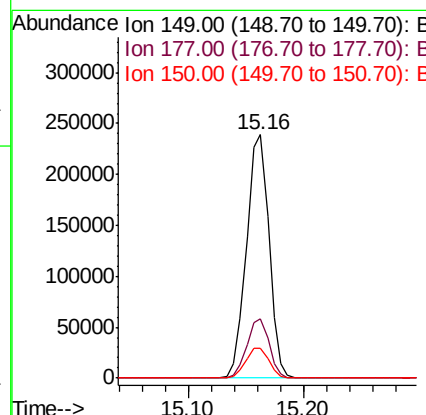
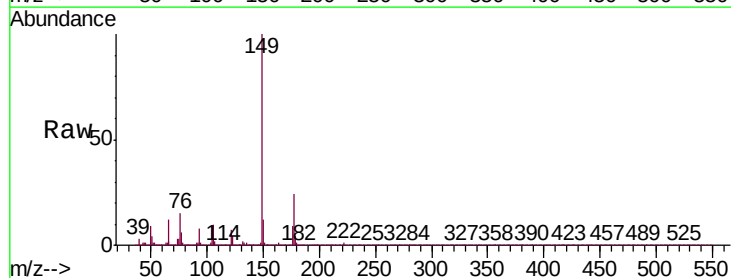
Instrument :
BNA_P
ClientSampleId :
PB125843BS

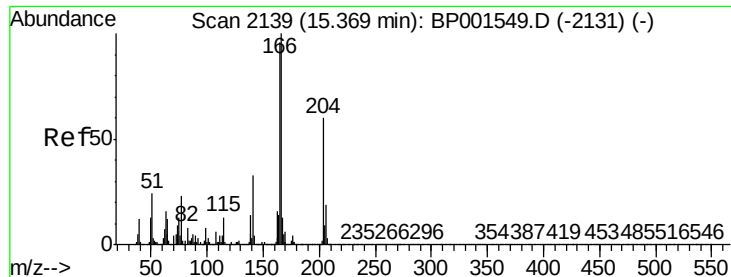
Tgt Ion:	232	Resp:	101311
Ion	Ratio	Lower	Upper
232	100		
131	37.4	31.3	46.9
130	2.7	2.0	3.0
166	28.1	22.6	33.8



#60
Diethylphthalate
Concen: 37.480 ng
RT: 15.16 min Scan# 2104
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:	149	Resp:	323151
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.4	27.6
150	12.2	10.0	15.0

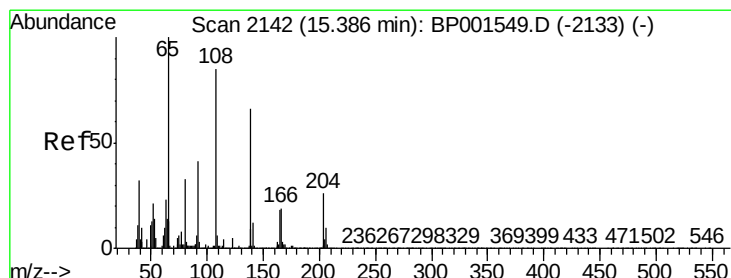
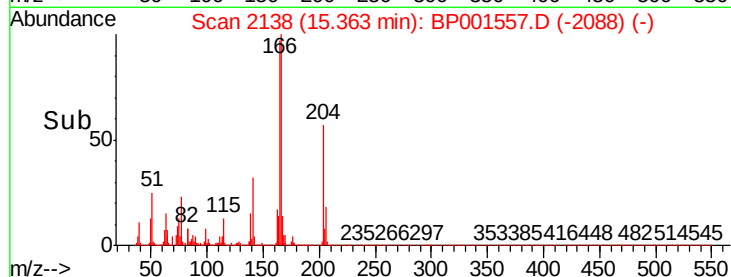
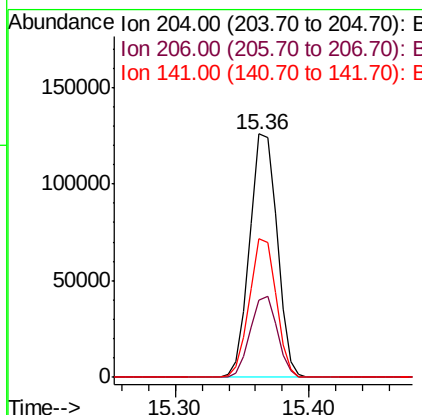
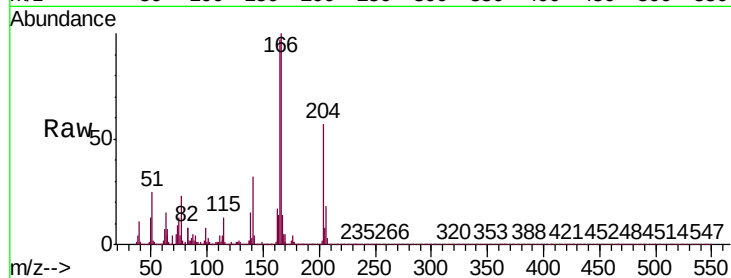




#61
4-Chlorophenyl-phenylether
Concen: 39.254 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

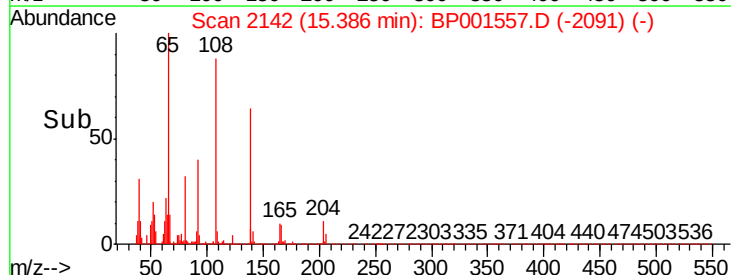
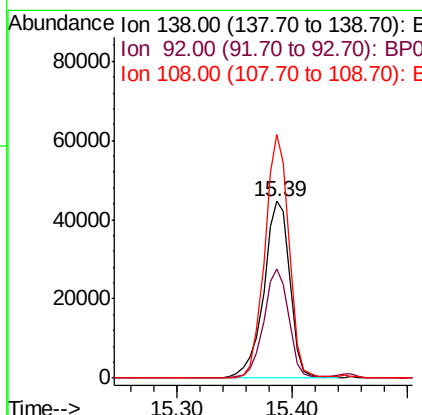
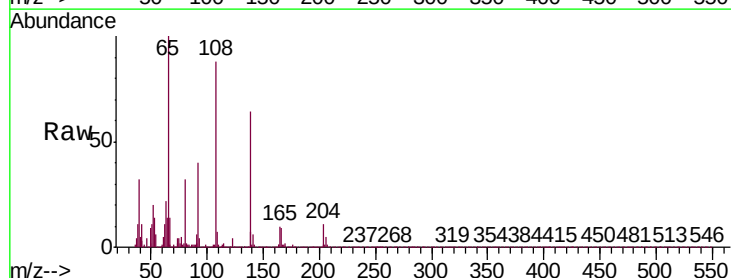
Instrument :
BNA_P
ClientSampleId :
PB125843BS

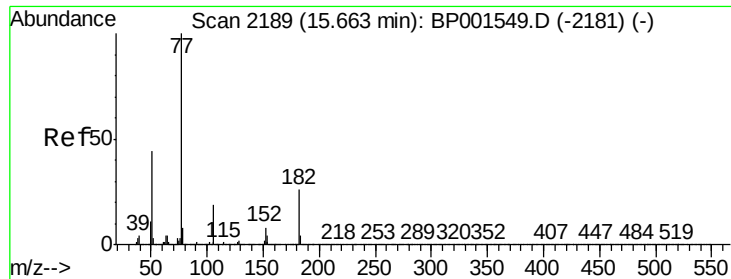
Tgt Ion: 204 Resp: 177985
Ion Ratio Lower Upper
204 100
206 31.9 25.4 38.0
141 57.0 43.8 65.6



#62
4-Nitroaniline
Concen: 32.987 ng
RT: 15.39 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion: 138 Resp: 70589
Ion Ratio Lower Upper
138 100
92 61.6 42.7 82.7
108 137.7 108.6 148.6





#63

Azobenzene

Concen: 39.419 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

Tgt Ion: 77 Resp: 339599

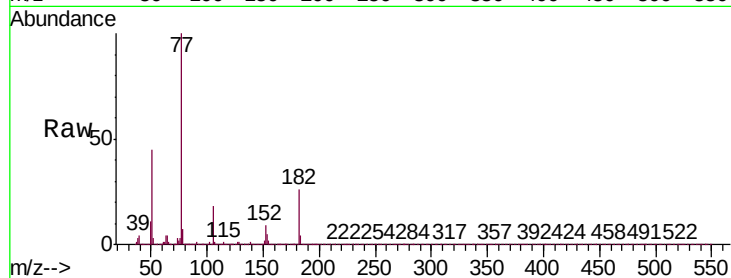
Ion	Ratio	Lower	Upper
77	100		
182	25.7	5.8	45.8
105	18.3	0.0	39.3
51	44.6	23.6	63.6

77 100

182 25.7 5.8 45.8

105 18.3 0.0 39.3

51 44.6 23.6 63.6



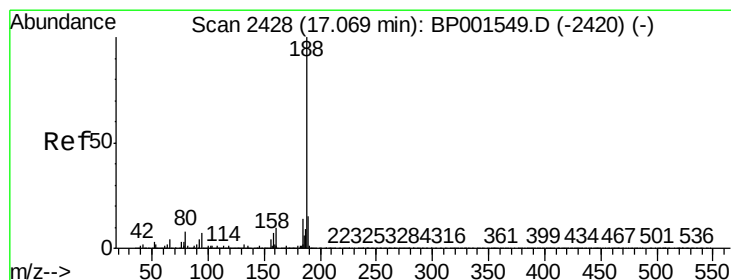
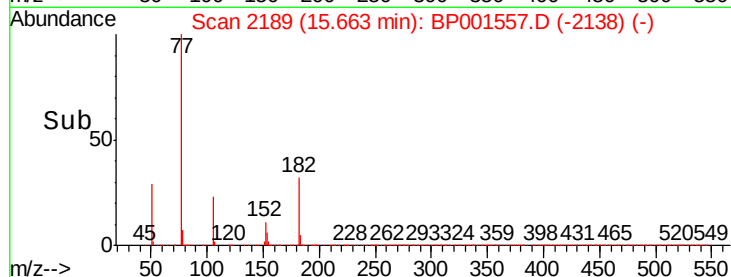
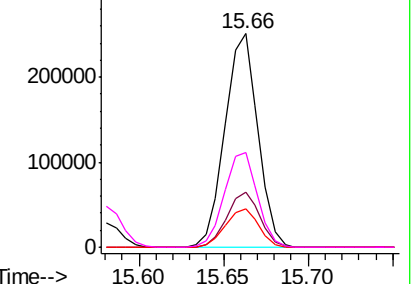
Abundance

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: 17.07 min Scan# 2428

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

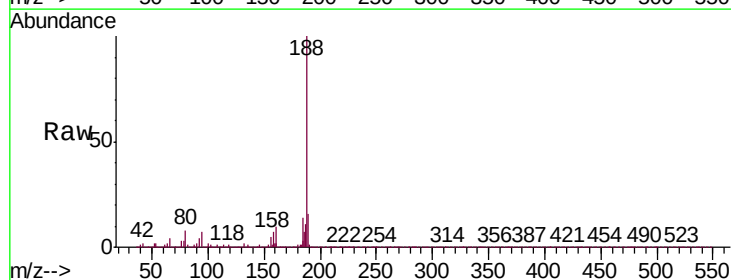
Tgt Ion: 188 Resp: 272893

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.9	8.9
80	8.4	6.8	10.2

188 100

94 7.5 5.9 8.9

80 8.4 6.8 10.2

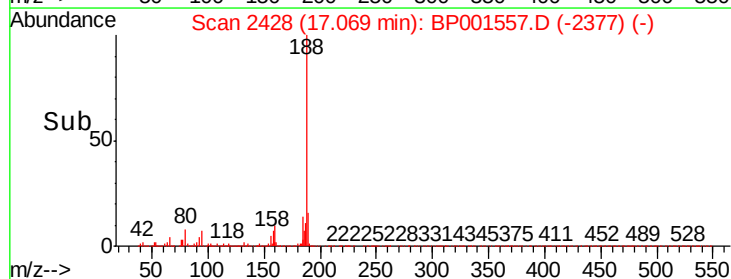
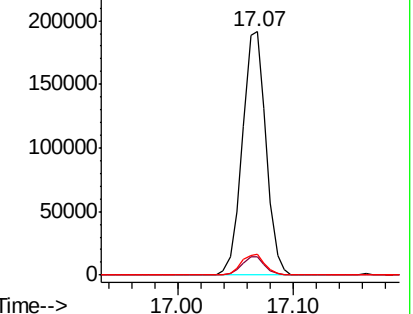


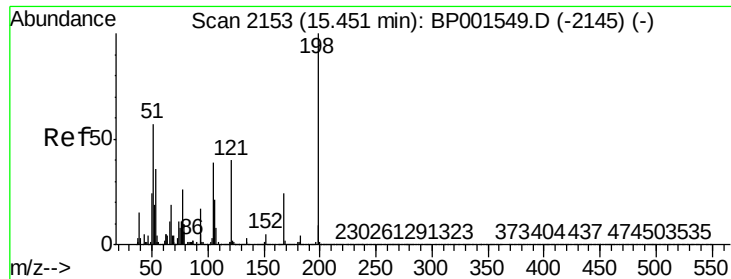
Abundance

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

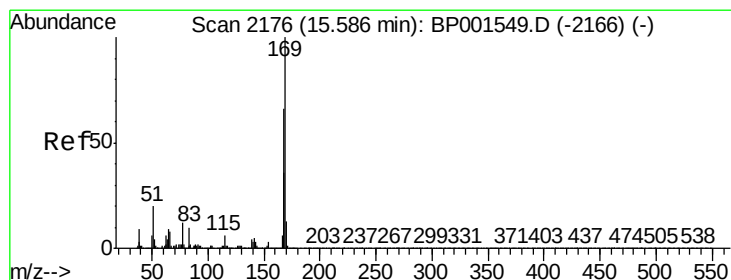
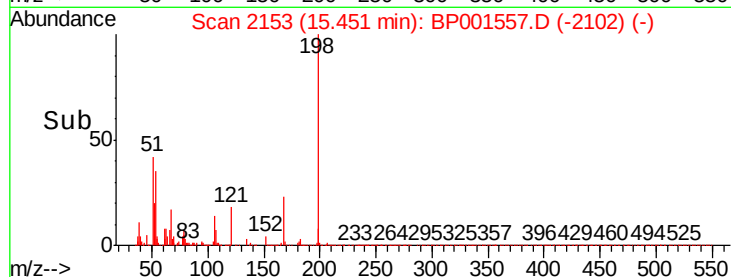
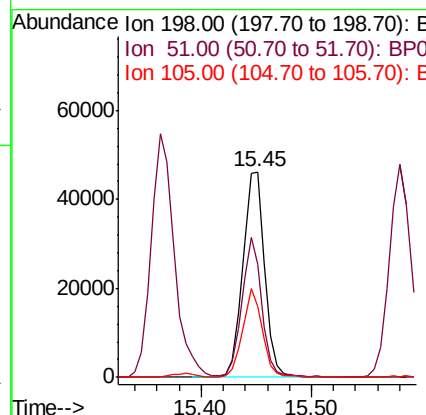
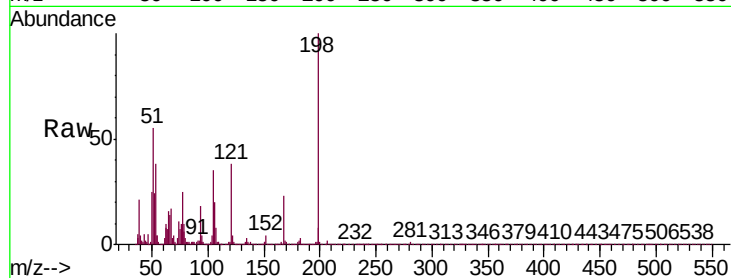




#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.476 ng
 RT: 15.45 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

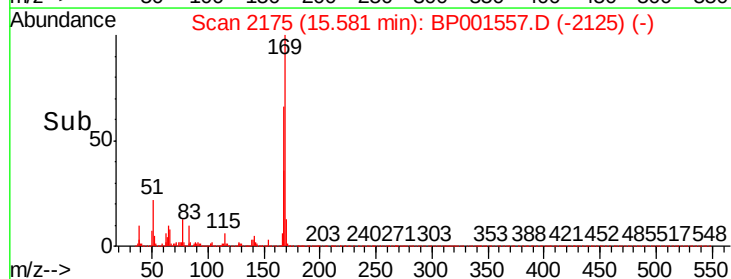
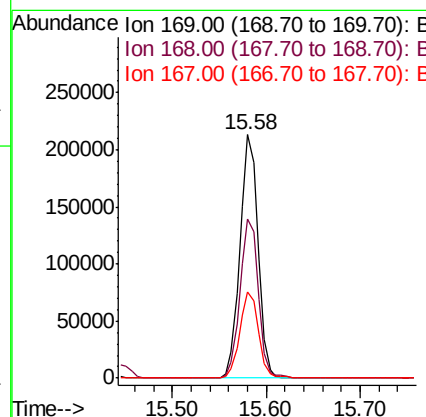
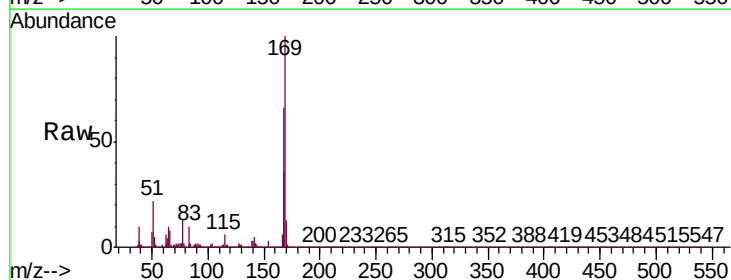
Instrument :
 BNA_P
 ClientSampleId :
 PB125843BS

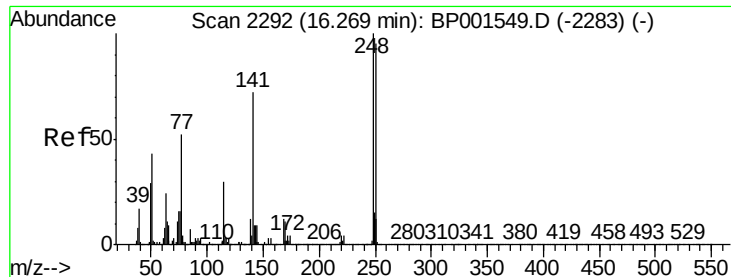
Tgt Ion:198 Resp: 64144
 Ion Ratio Lower Upper
 198 100
 51 55.0 39.4 79.4
 105 34.6 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 39.112 ng
 RT: 15.58 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BP001557.D
 Acq: 08 Jan 2020 18:03

Tgt Ion:169 Resp: 282765
 Ion Ratio Lower Upper
 169 100
 168 65.6 53.1 79.7
 167 35.6 28.9 43.3

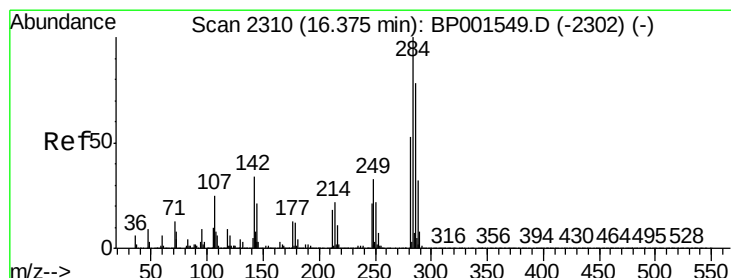
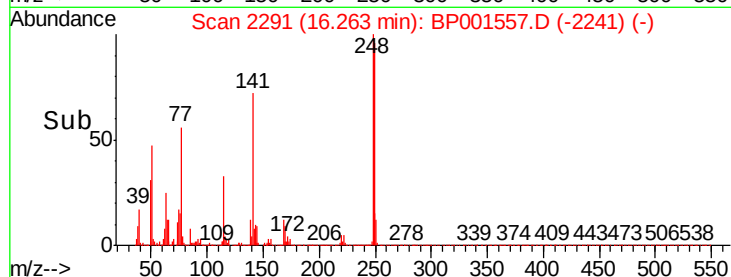
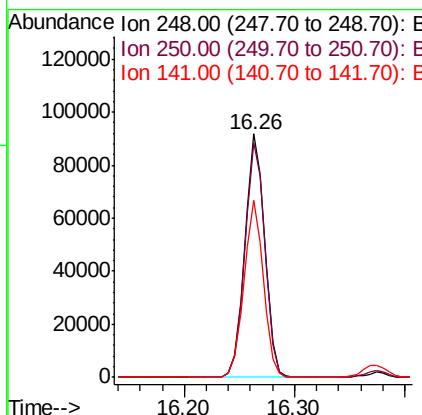
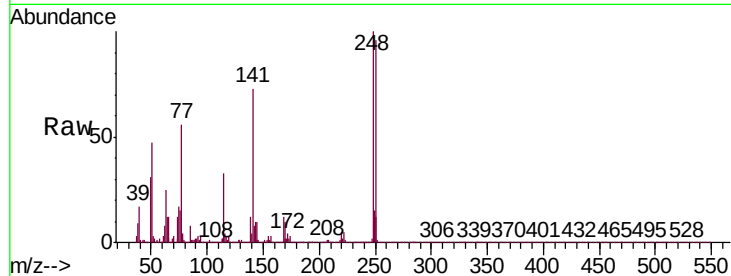




#67
4-Bromophenyl-phenylether
Concen: 37.625 ng
RT: 16.26 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

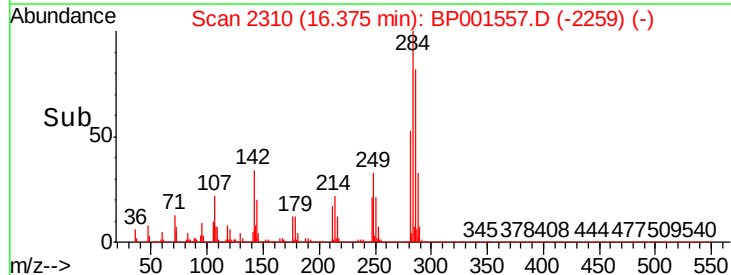
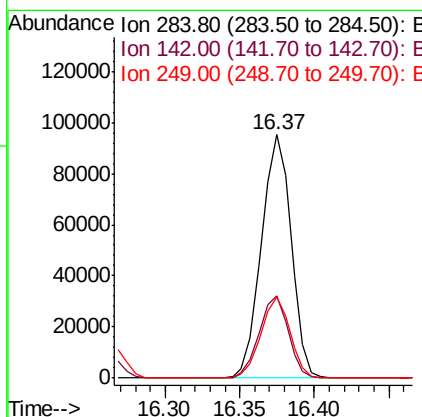
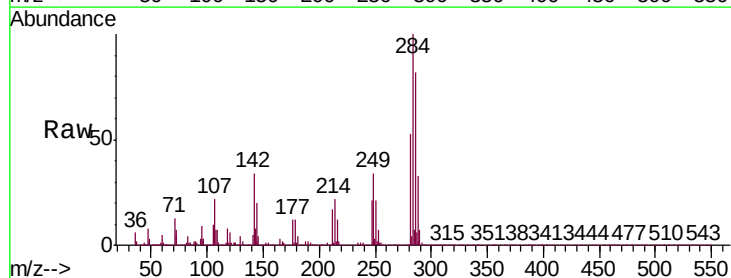
Instrument :
BNA_P
ClientSampleId :
PB125843BS

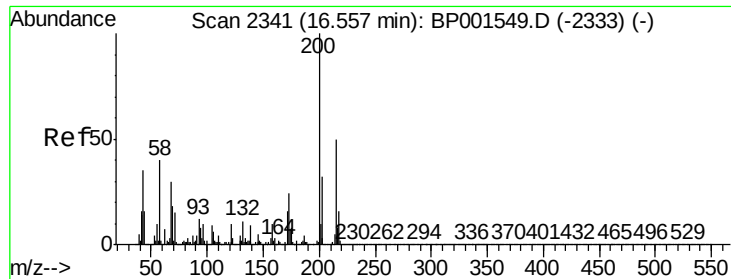
Tgt Ion:248 Resp: 115832
Ion Ratio Lower Upper
248 100
250 96.3 76.0 114.0
141 72.6 57.8 86.8



#68
Hexachlorobenzene
Concen: 36.545 ng
RT: 16.37 min Scan# 2310
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:284 Resp: 130717
Ion Ratio Lower Upper
284 100
142 33.7 27.4 41.2
249 33.5 26.8 40.2





#69

Atrazine

Concen: 47.578 ng

RT: 16.55 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

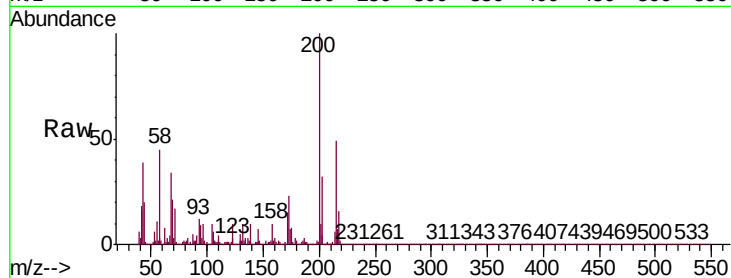
Tgt Ion:200 Resp: 126327

Ion Ratio Lower Upper

200 100

173 23.3 3.5 43.5

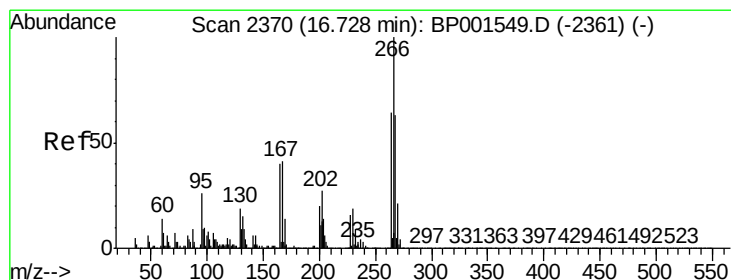
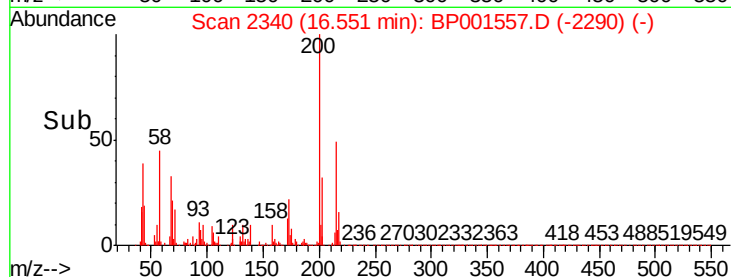
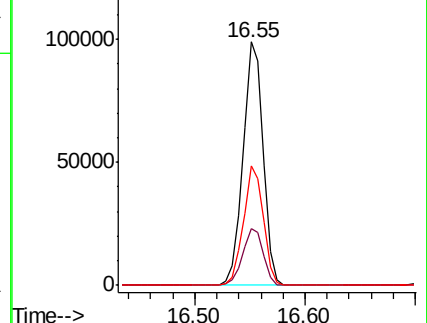
215 49.2 30.4 70.4



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: 86.215 ng

RT: 16.72 min Scan# 2369

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

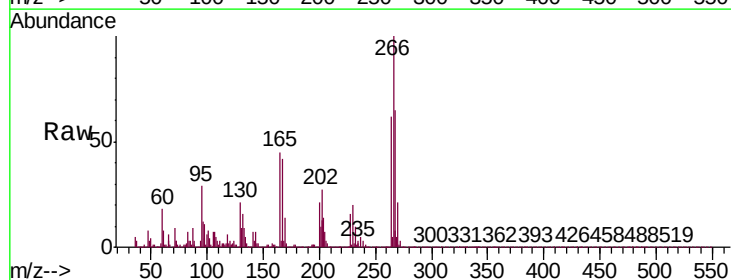
Tgt Ion:266 Resp: 170302

Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

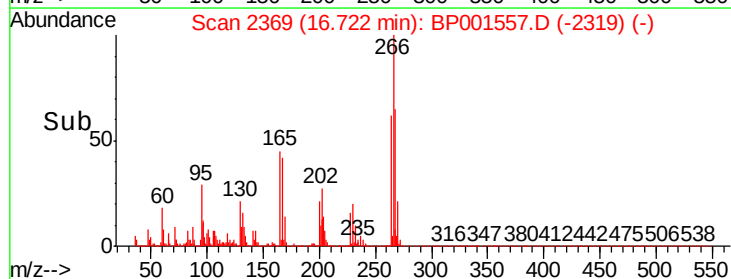
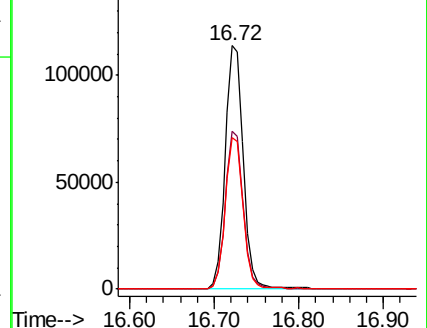
264 62.0 50.9 76.3

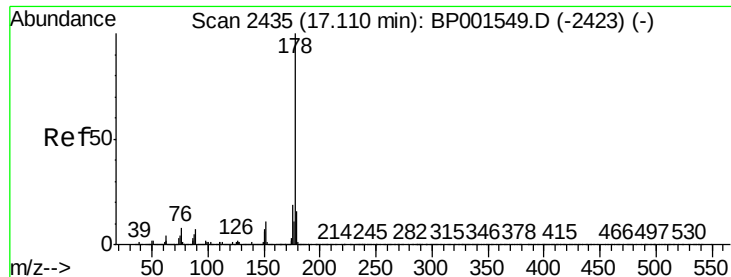


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

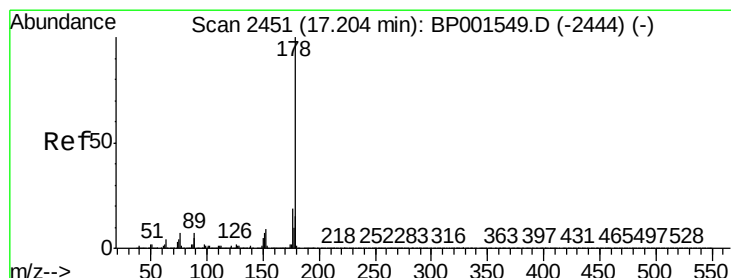
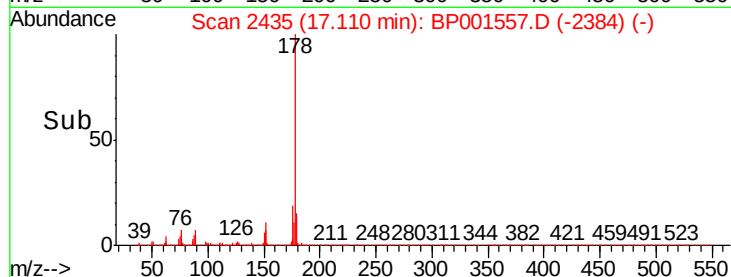
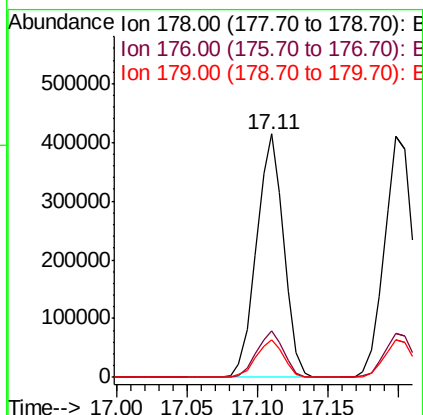
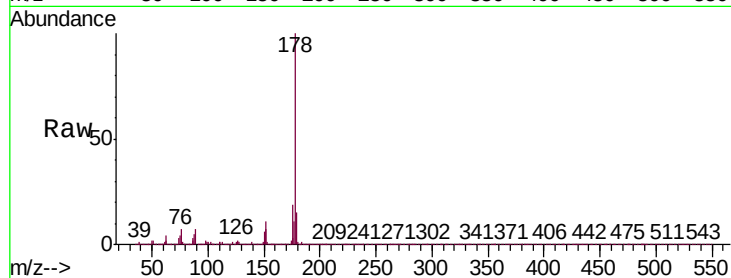




#71
Phenanthrene
Concen: 37.713 ng
RT: 17.11 min Scan# 2435
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

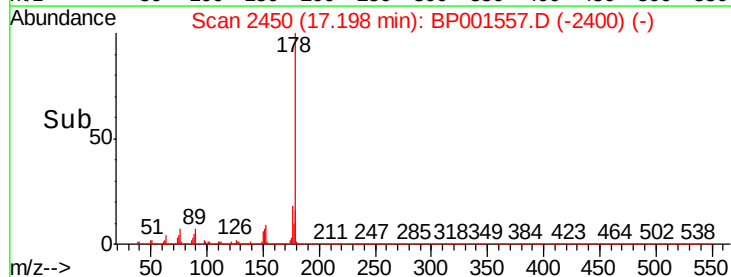
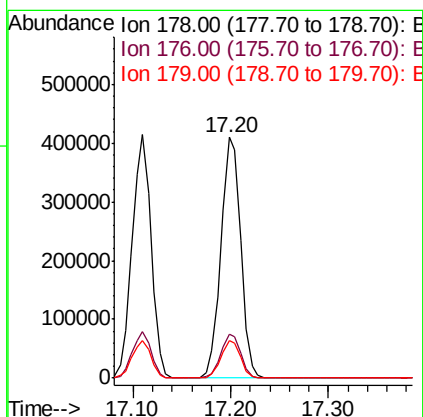
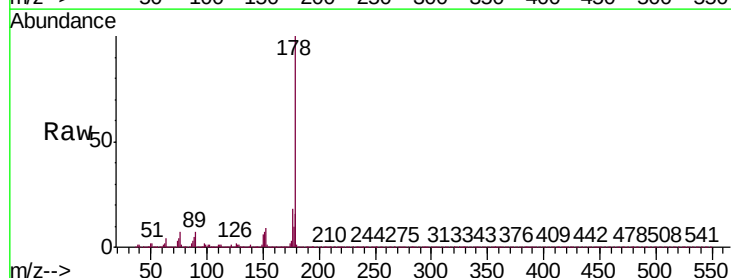
Instrument :
BNA_P
ClientSampleId :
PB125843BS

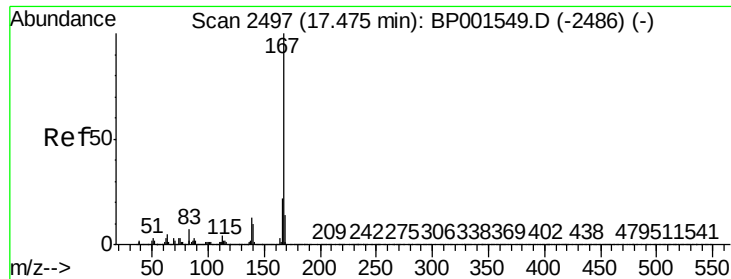
Tgt Ion:178 Resp: 559694
Ion Ratio Lower Upper
178 100
176 19.3 14.9 22.3
179 15.4 12.5 18.7



#72
Anthracene
Concen: 39.726 ng
RT: 17.20 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion:178 Resp: 573948
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.7 11.8 17.8





#73

Carbazole

Concen: 38.005 ng

RT: 17.47 min Scan# 2497

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

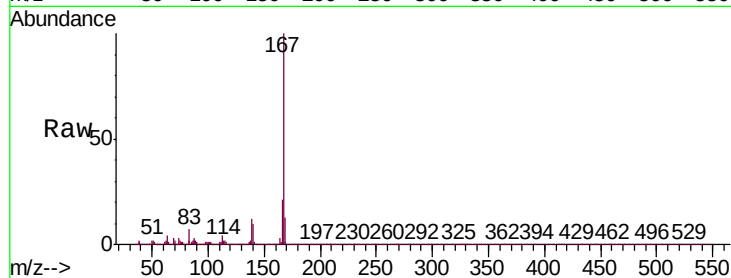
Tgt Ion:167 Resp: 515498

Ion Ratio Lower Upper

167 100

166 21.0 17.2 25.8

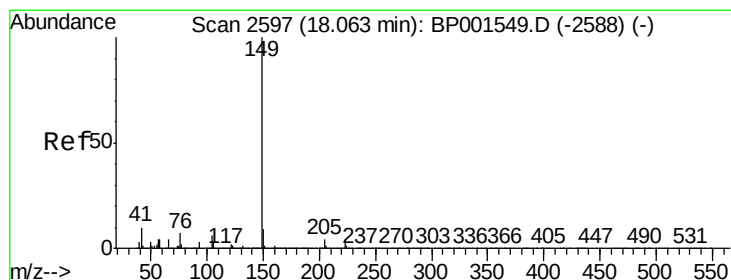
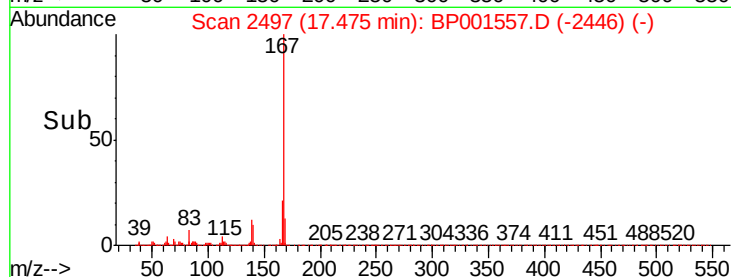
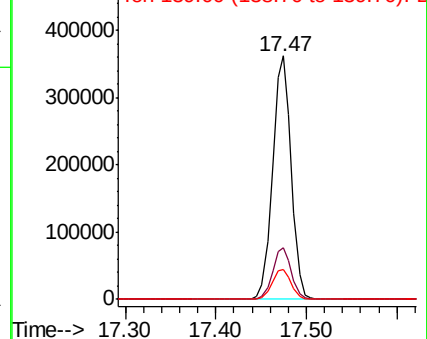
139 12.4 10.0 15.0



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: 37.206 ng

RT: 18.06 min Scan# 2596

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

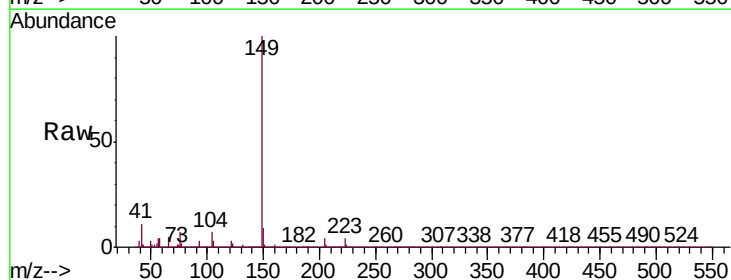
Tgt Ion:149 Resp: 597070

Ion Ratio Lower Upper

149 100

150 9.3 7.0 10.6

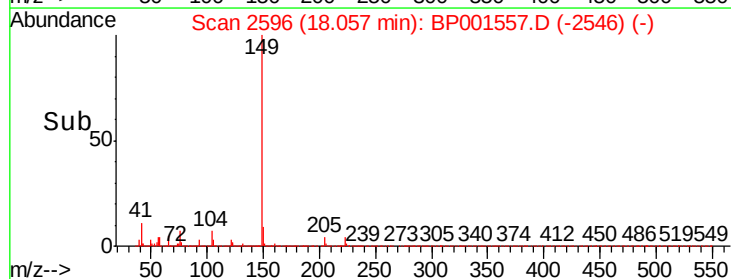
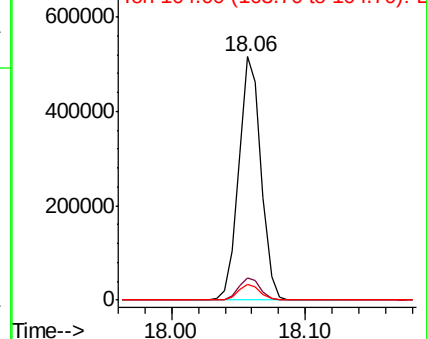
104 6.7 5.0 7.4

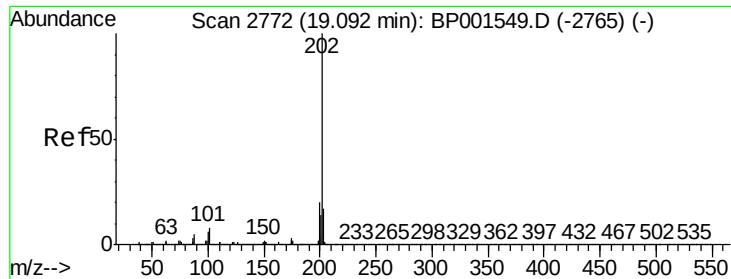


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.377 ng

RT: 19.09 min Scan# 2772

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

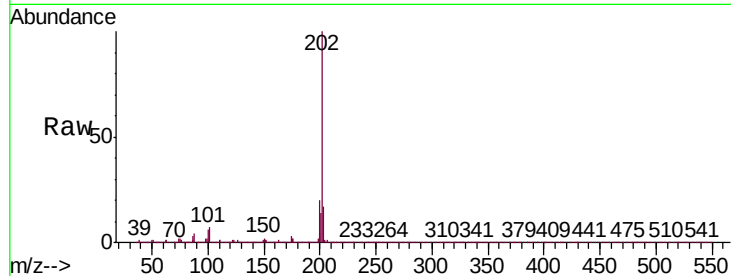
Tgt Ion: 202 Resp: 749417

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

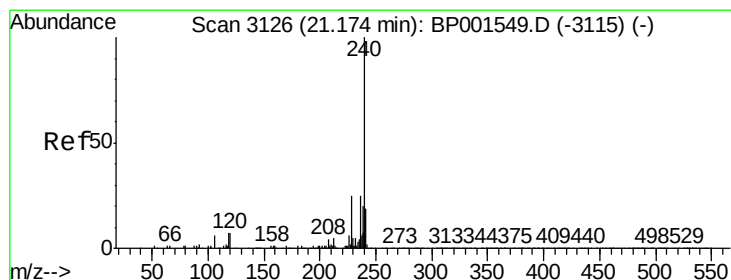
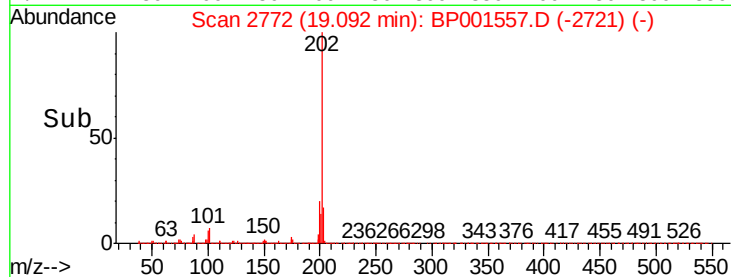
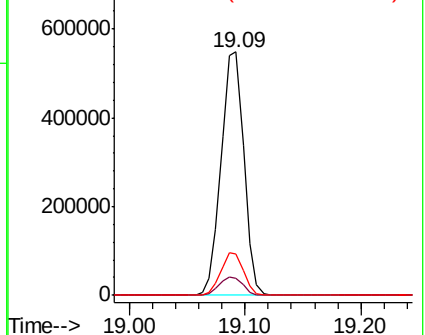
203 17.2 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.17 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

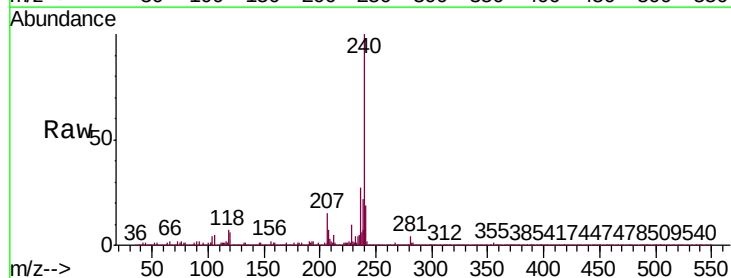
Tgt Ion: 240 Resp: 252771

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

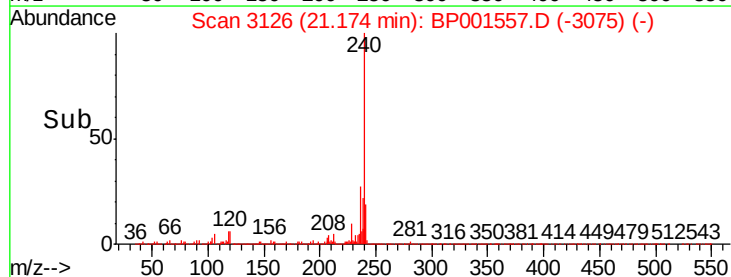
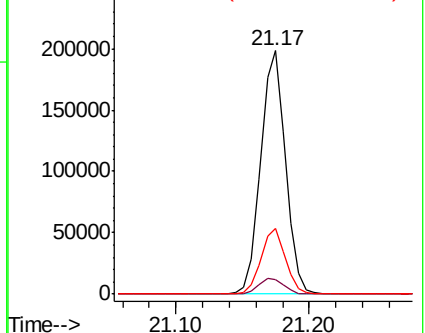
236 26.9 20.4 30.6

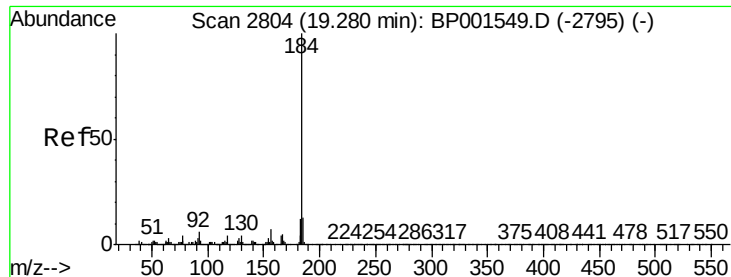


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.719 ng

RT: 19.27 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

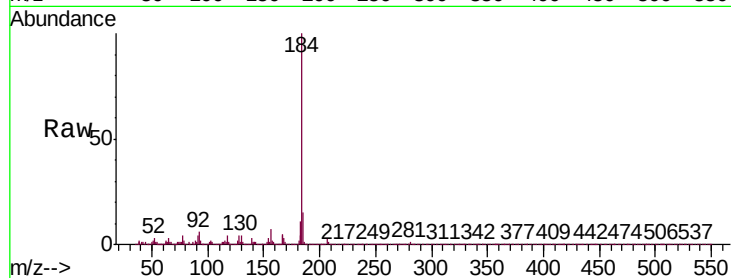
Tgt Ion:184 Resp: 310050

Ion Ratio Lower Upper

184 100

185 14.5 10.6 16.0

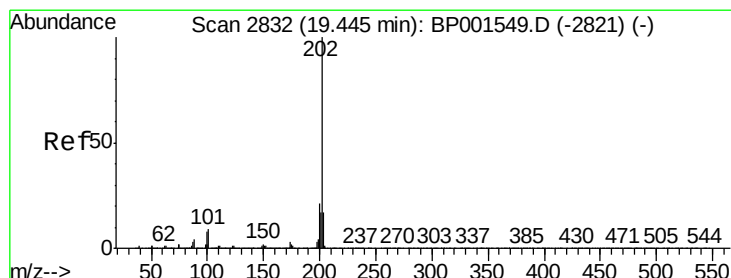
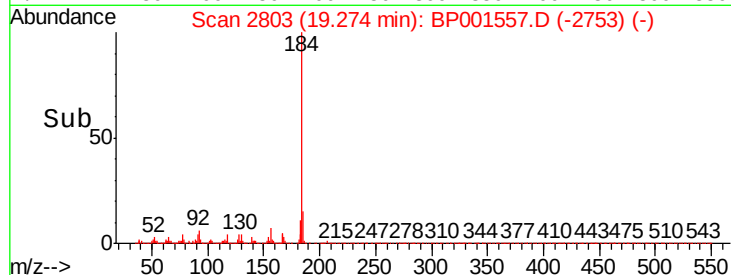
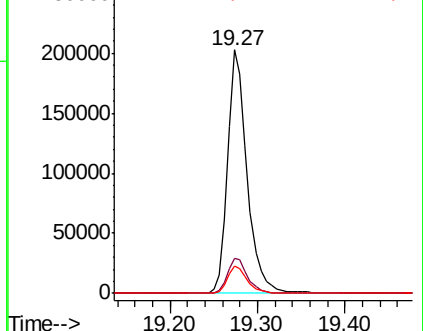
183 11.3 9.4 14.0



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: 40.249 ng

RT: 19.44 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

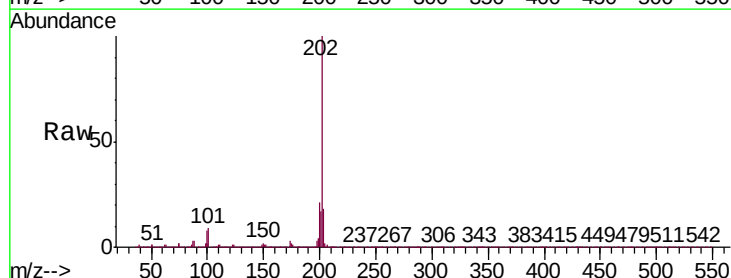
Tgt Ion:202 Resp: 747346

Ion Ratio Lower Upper

202 100

200 21.2 17.0 25.6

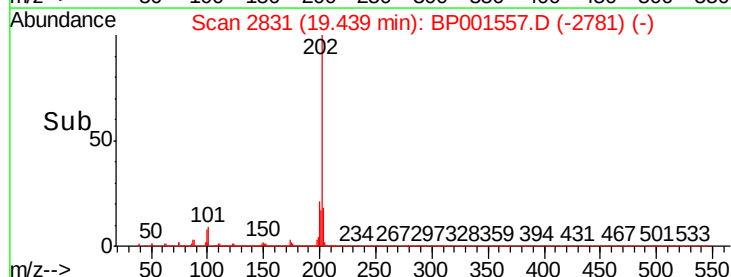
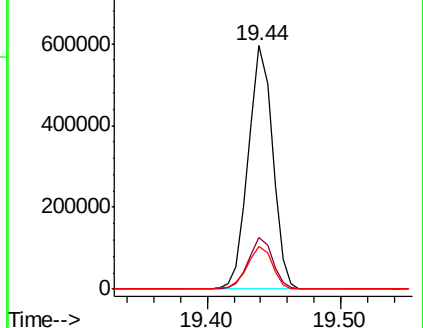
203 17.7 13.7 20.5

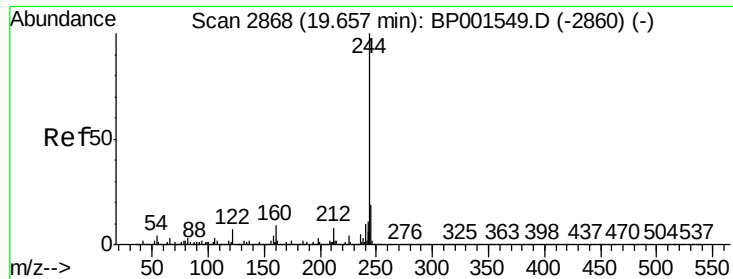


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.548 ng

RT: 19.66 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

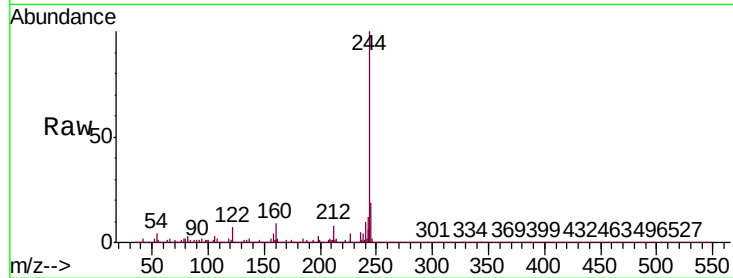
BNA_P

ClientSampleId :

PB125843BS

Tgt Ion:244 Resp: 1085527

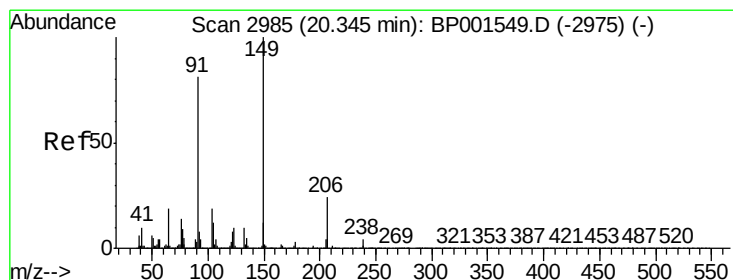
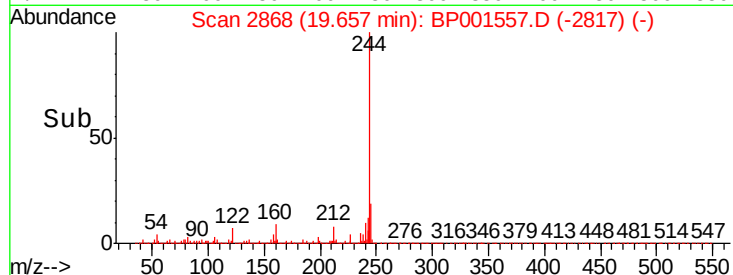
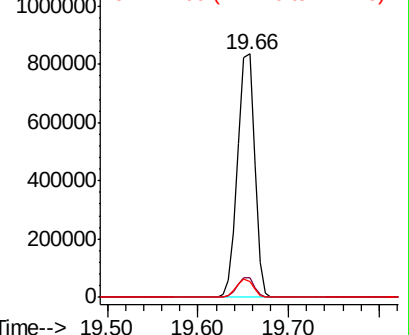
Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.3	9.5
122	6.7	5.8	8.6



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: 38.297 ng

RT: 20.34 min Scan# 2985

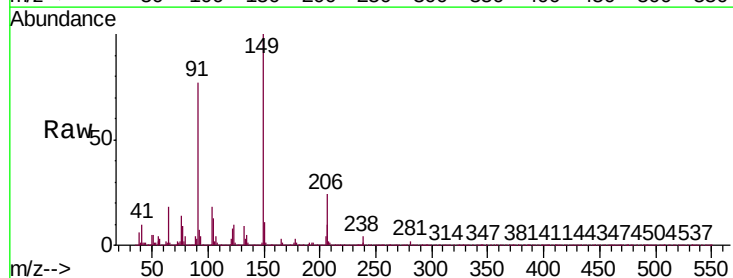
Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Tgt Ion:149 Resp: 270267

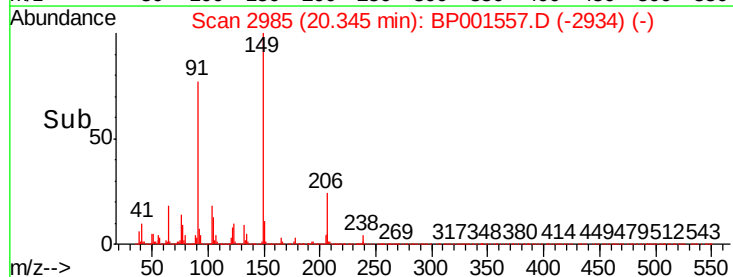
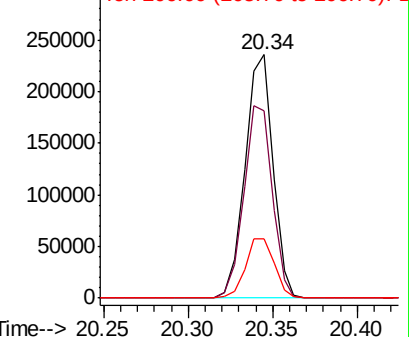
Ion	Ratio	Lower	Upper
149	100		
91	76.9	64.8	97.2
206	24.3	19.4	29.0

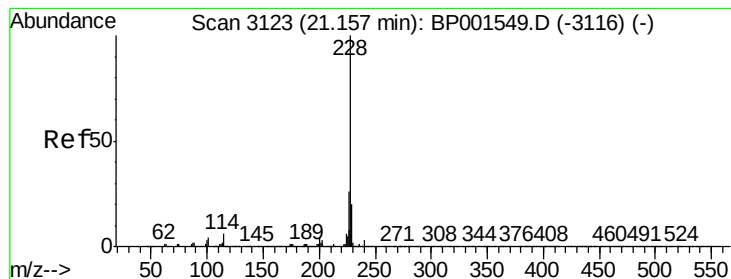


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.239 ng

RT: 21.15 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

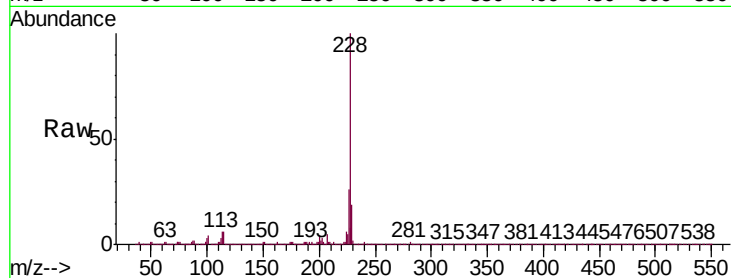
Tgt Ion:228 Resp: 690764

Ion Ratio Lower Upper

228 100

226 26.4 21.2 31.8

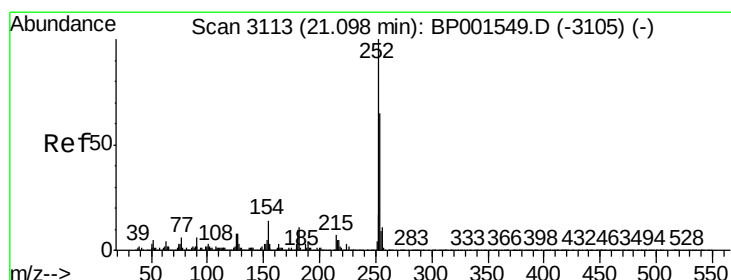
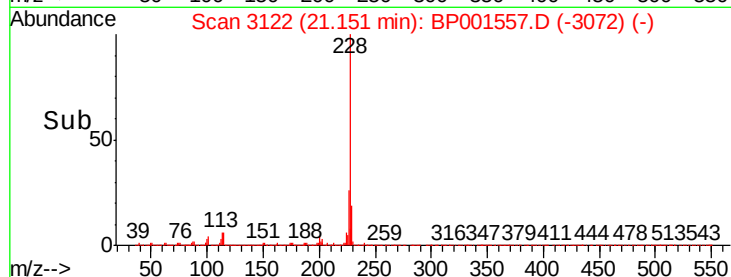
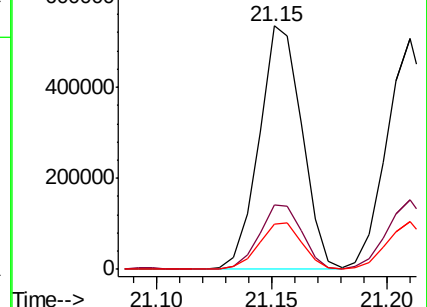
229 18.7 16.1 24.1



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: 36.069 ng

RT: 21.09 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

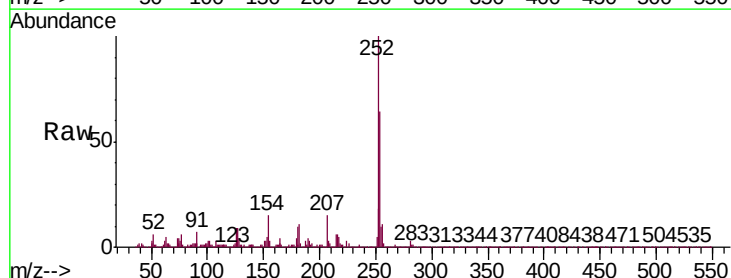
Tgt Ion:252 Resp: 238103

Ion Ratio Lower Upper

252 100

254 63.7 52.2 78.2

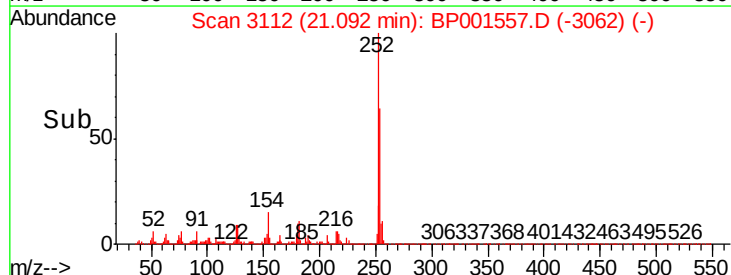
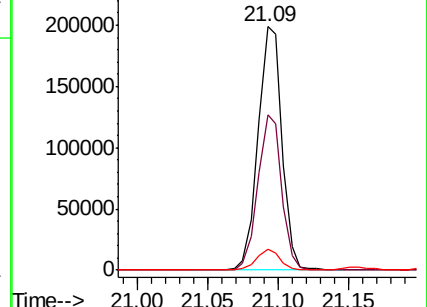
126 8.7 6.6 9.8

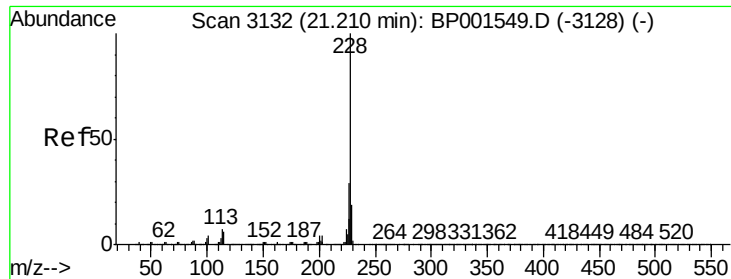


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.503 ng

RT: 21.21 min Scan# 3132

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

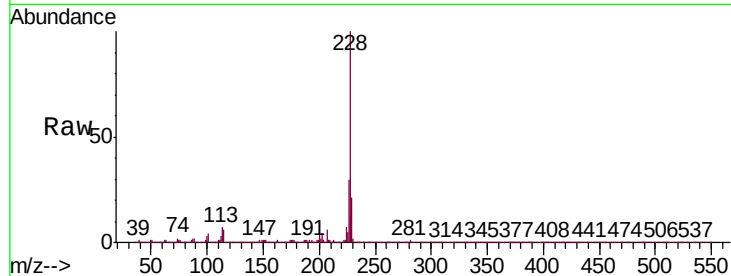
Tgt Ion:228 Resp: 660542

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

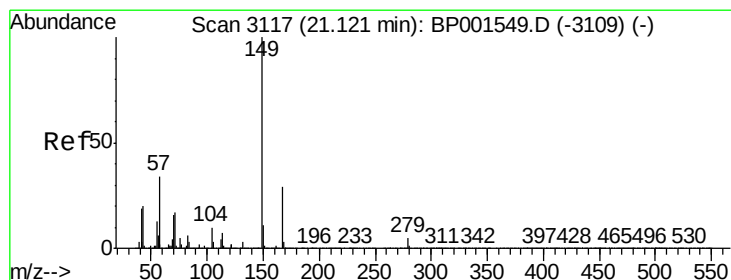
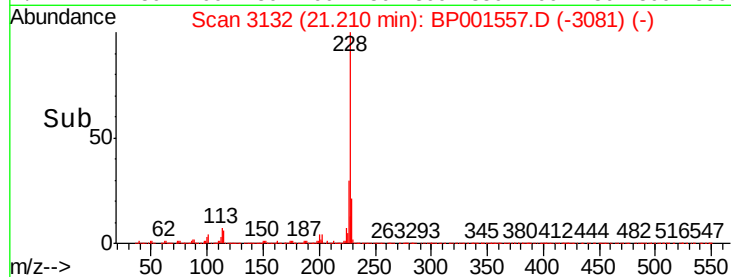
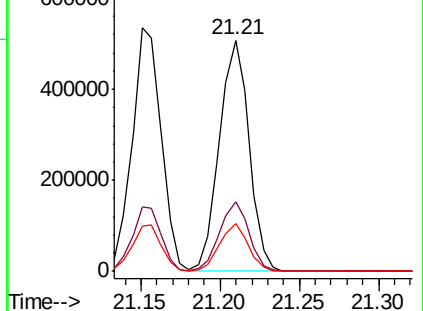
229 20.5 15.2 22.8



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: 38.709 ng

RT: 21.12 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

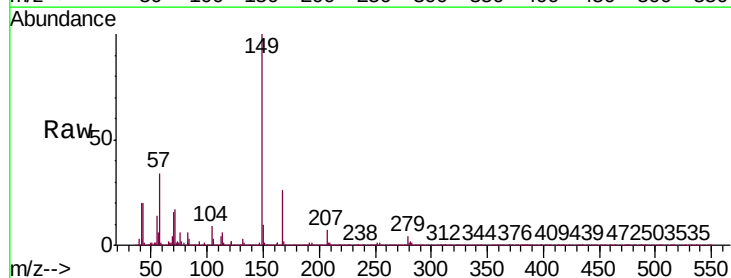
Tgt Ion:149 Resp: 374488

Ion Ratio Lower Upper

149 100

167 26.2 23.5 35.3

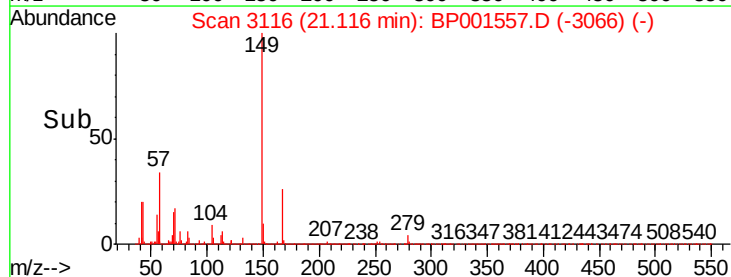
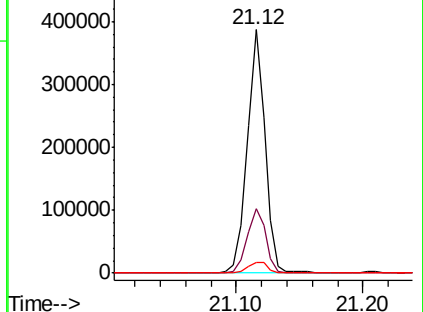
279 4.4 4.0 6.0

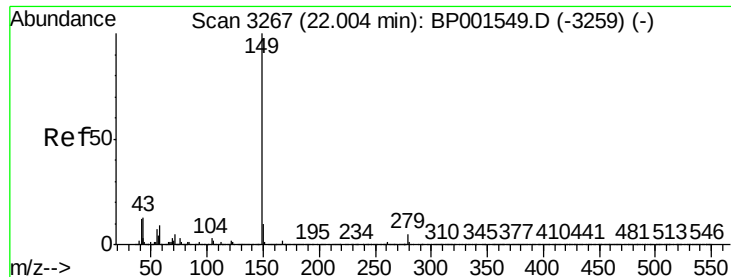


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.443 ng

RT: 22.00 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

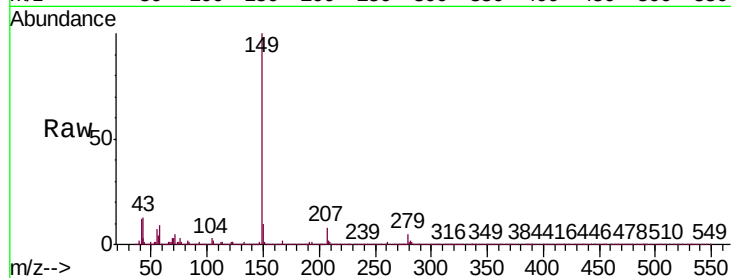
Tgt Ion:149 Resp: 593016

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

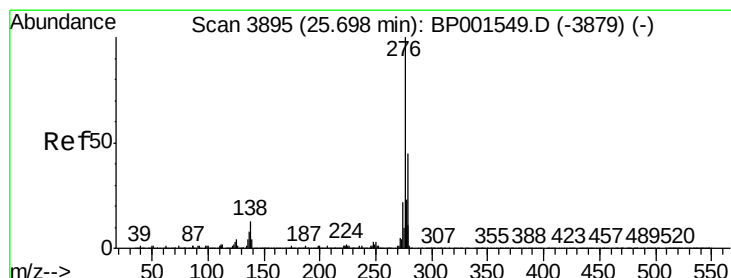
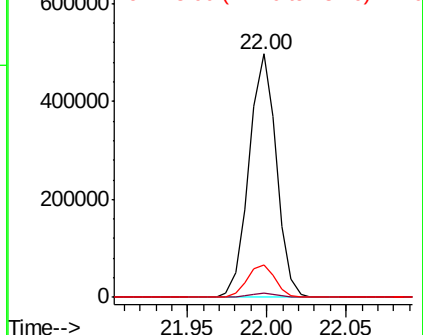
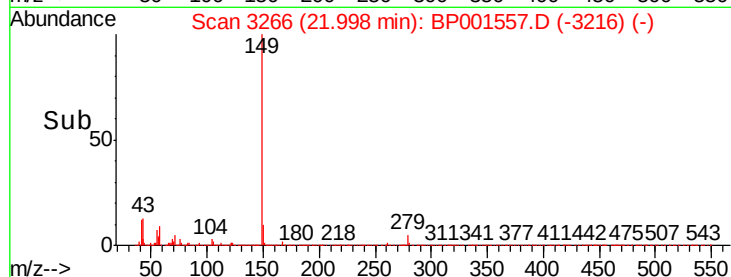
43 13.8 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.327 ng

RT: 25.70 min Scan# 3895

Delta R.T. -0.00 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

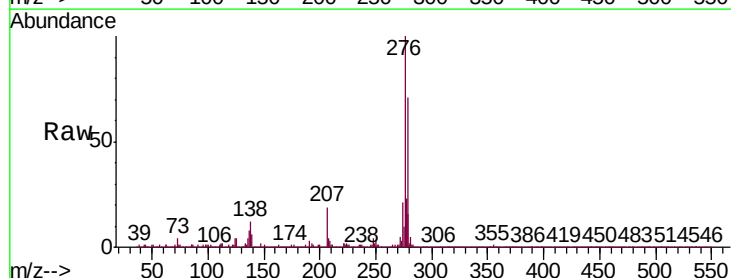
Tgt Ion:276 Resp: 669268

Ion Ratio Lower Upper

276 100

138 13.5 11.1 16.7

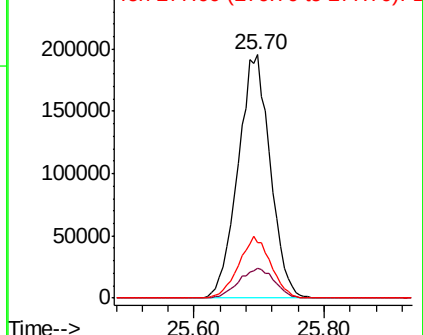
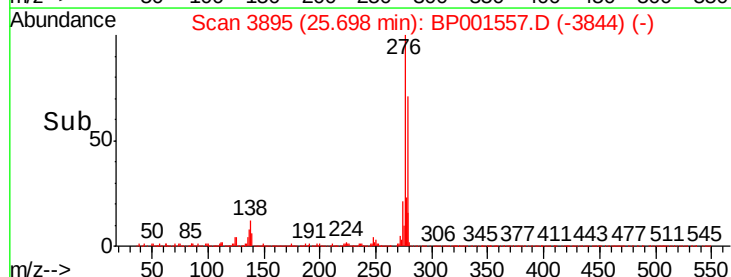
277 25.2 20.4 30.6

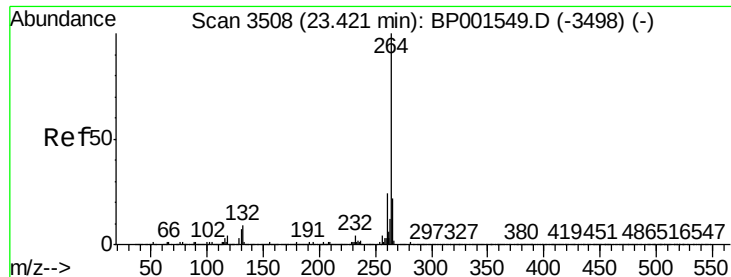


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



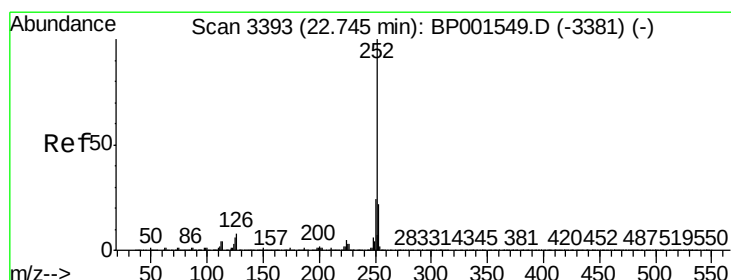
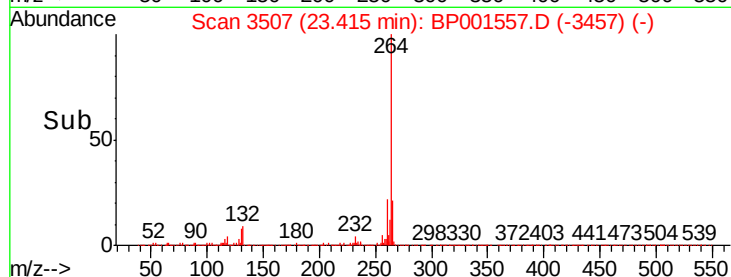
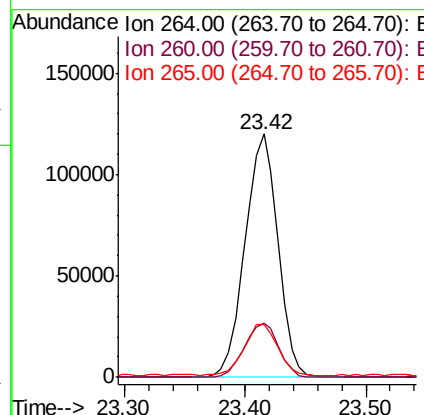
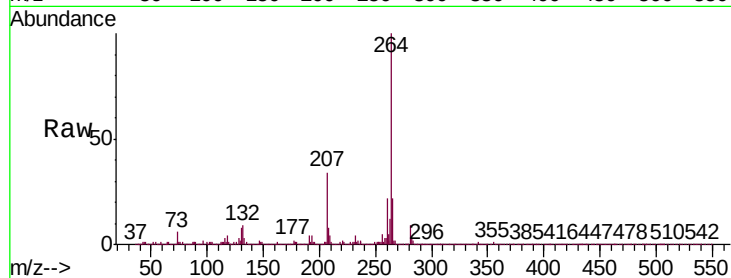


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3507
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Instrument :
BNA_P
ClientSampleId :
PB125843BS

Tgt Ion: 264 Resp: 227721

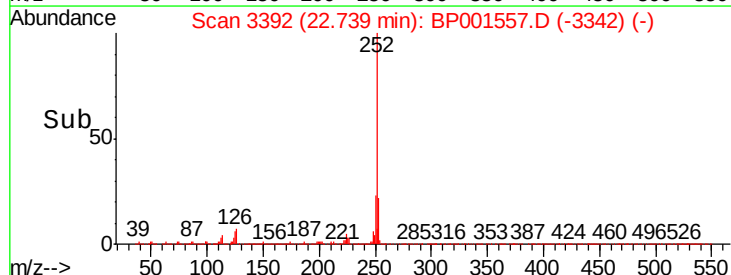
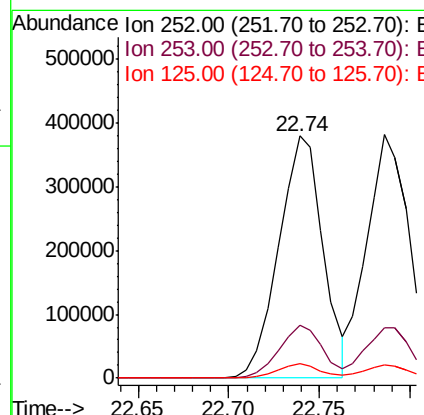
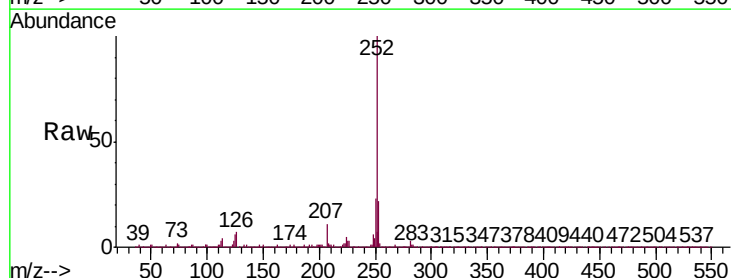
Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.0	28.6
265	21.7	18.2	27.4

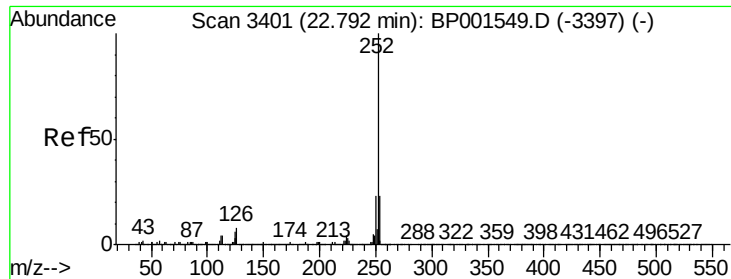


#88
Benzo(b)fluoranthene
Concen: 44.908 ng
RT: 22.74 min Scan# 3392
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion: 252 Resp: 644422

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	5.8	4.6	7.0

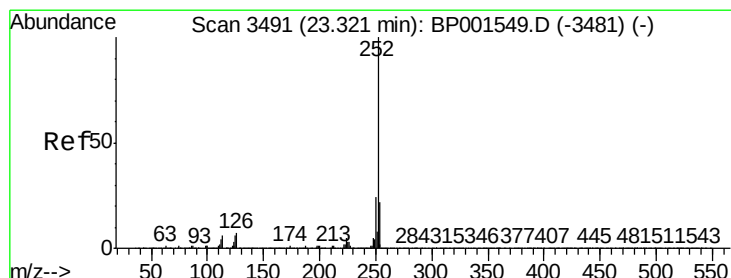
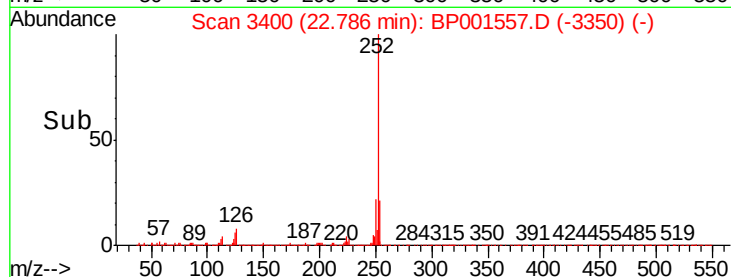
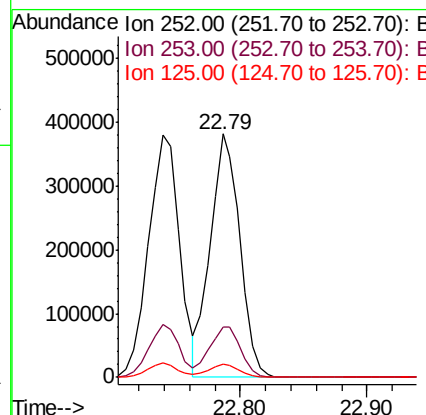
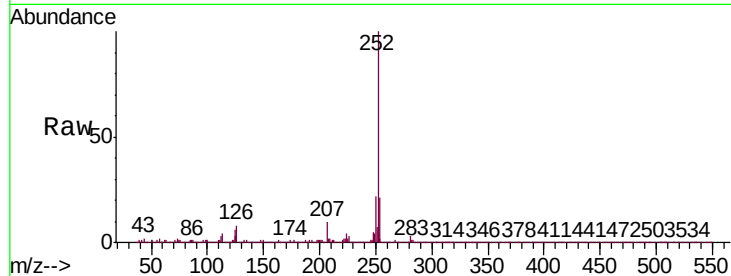




#89
Benzo(k)fluoranthene
Concen: 44.174 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

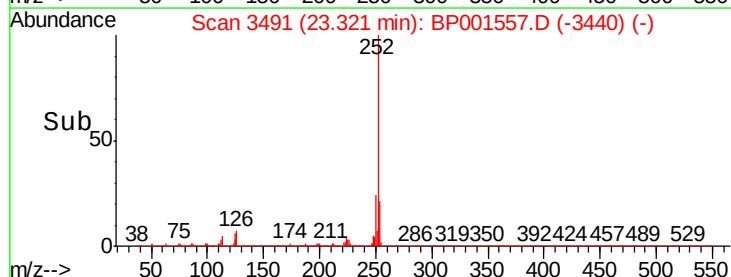
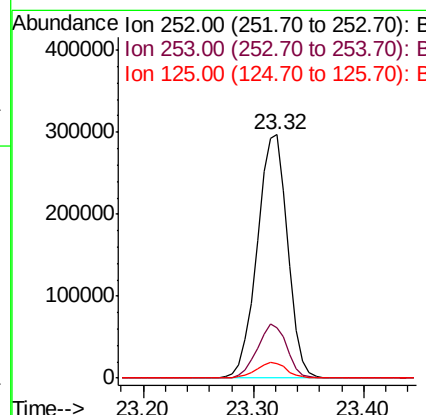
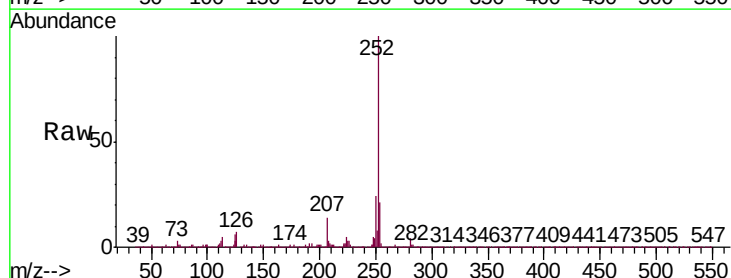
Instrument :
BNA_P
ClientSampleId :
PB125843BS

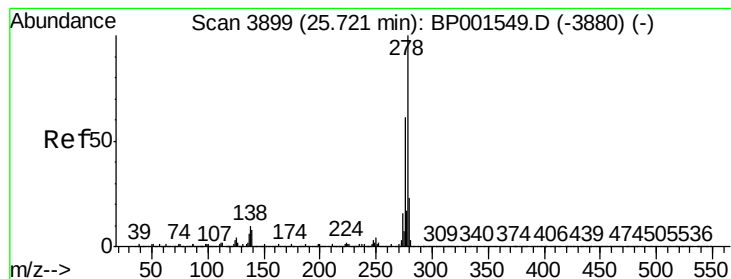
Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	5.6	4.6	6.8



#90
Benzo(a)pyrene
Concen: 42.063 ng
RT: 23.32 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BP001557.D
Acq: 08 Jan 2020 18:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.6	26.4
125	5.8	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 40.870 ng

RT: 25.71 min Scan# 3897

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

Instrument :

BNA_P

ClientSampleId :

PB125843BS

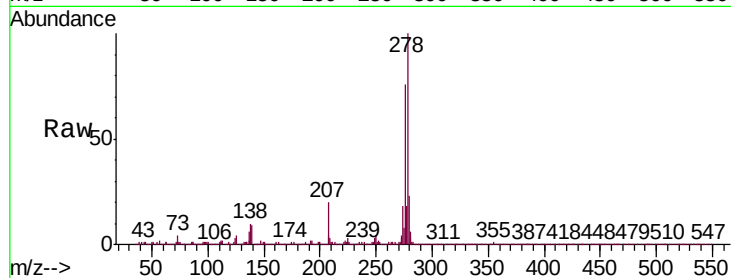
Tgt Ion:278 Resp: 574528

Ion Ratio Lower Upper

278 100

139 8.8 6.7 10.1

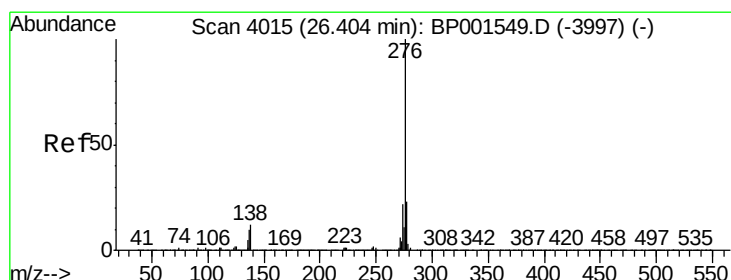
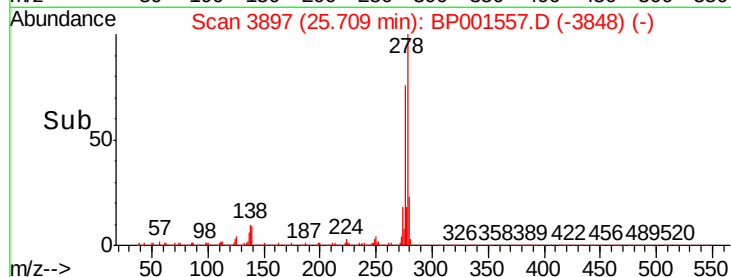
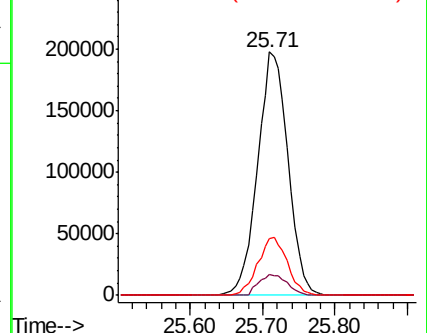
279 23.3 18.6 28.0



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: 40.577 ng

RT: 26.40 min Scan# 4014

Delta R.T. -0.01 min

Lab File: BP001557.D

Acq: 08 Jan 2020 18:03

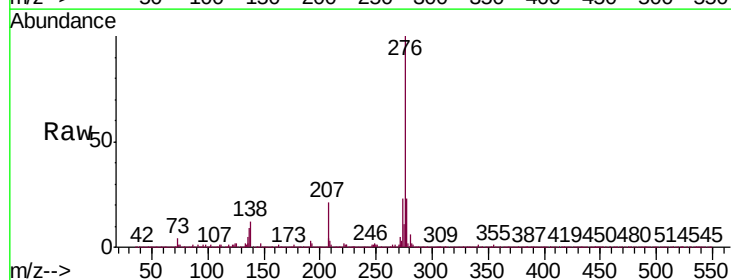
Tgt Ion:276 Resp: 567063

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 11.7 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

