

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001547.D
 Acq On : 08 Jan 2020 10:33
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 08 13:45:06 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 13:05:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	16301	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	70759	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	61898	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	160371	20.00	ng	0.00
76) Chrysene-d12	21.17	240	159962	20.00	ng	0.00
87) Perylene-d12	23.42	264	166877	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	18075	18.63	ng	0.00
7) Phenol-d6	6.86	99	27984	21.41	ng	0.00
23) Nitrobenzene-d5	8.81	82	33813	23.60	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	18909	26.99	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	91791	21.81	ng	0.00
79) Terphenyl-d14	19.66	244	199375	24.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	2935	7.195	ng	95
3) Pyridine	3.65	79	10095	8.141	ng	96
4) n-Nitrosodimethylamine	3.56	42	7011	13.374	ng	# 89
6) Aniline	7.00	93	17617	10.466	ng	97
8) 2-Chlorophenol	7.23	128	10642	10.581	ng	93
9) Benzaldehyde	6.81	77	9790	13.547	ng	93
10) Phenol	6.88	94	14510	10.554	ng	93
11) bis(2-Chloroethyl)ether	7.10	93	12221	11.289	ng	97
12) 1,3-Dichlorobenzene	7.55	146	13555	11.002	ng	95
13) 1,4-Dichlorobenzene	7.70	146	14151	11.430	ng	95
14) 1,2-Dichlorobenzene	8.01	146	13391	11.286	ng	94
15) Benzyl Alcohol	7.91	79	13470	12.823	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	22498	14.851	ng	98
17) 2-Methylphenol	8.12	107	10633	11.833	ng	97
18) Hexachloroethane	8.73	117	5390	11.453	ng	98
19) n-Nitroso-di-n-propylamine	8.48	70	10737	12.608	ng	# 98
20) 3+4-Methylphenols	8.45	107	14579	12.046	ng	93
22) Acetophenone	8.48	105	21273	10.688	ng	# 96
24) Nitrobenzene	8.85	77	17251	11.691	ng	98
25) Isophorone	9.39	82	30437	11.127	ng	# 95
26) 2-Nitrophenol	9.56	139	5935	11.270	ng	# 86
27) 2,4-Dimethylphenol	9.64	122	9797	10.275	ng	88
28) bis(2-Chloroethoxy)methane	9.87	93	18819	10.970	ng	99
29) 2,4-Dichlorophenol	10.10	162	12890	11.034	ng	94
30) 1,2,4-Trichlorobenzene	10.30	180	16434	11.815	ng	96
31) Naphthalene	10.49	128	40089	10.771	ng	98
32) Benzoic acid	9.73	122	5990	9.924	ng	# 84
33) 4-Chloroaniline	10.60	127	17399	10.743	ng	95
34) Hexachlorobutadiene	10.79	225	11676	12.686	ng	97
35) Caprolactam	11.38	113	4663	11.970	ng	# 77
36) 4-Chloro-3-methylphenol	11.75	107	15564	12.154	ng	100
37) 2-Methylnaphthalene	12.11	142	32578	12.281	ng	98
38) 1-Methylnaphthalene	12.33	142	31274	12.462	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	23133	11.194	ng	99

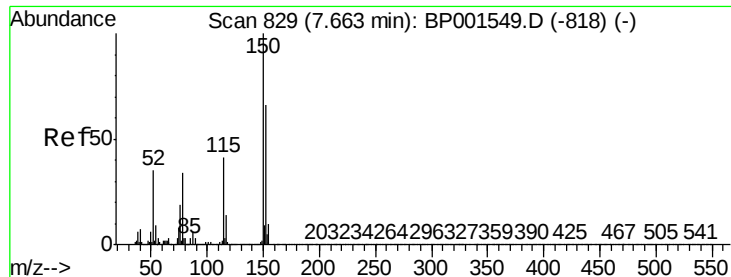
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010820\
 Data File : BP001547.D
 Acq On : 08 Jan 2020 10:33
 Operator : JU
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 08 13:45:06 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 13:05:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	10643	9.977	ng	92
43) 2,4,6-Trichlorophenol	12.73	196	13834	10.693	ng	97
44) 2,4,5-Trichlorophenol	12.80	196	14538	10.804	ng	95
46) 1,1'-Biphenyl	13.14	154	47896	10.238	ng	94
47) 2-Chloronaphthalene	13.17	162	39340	10.239	ng	98
48) 2-Nitroaniline	13.38	65	13497	12.025	ng	97
49) Acenaphthylene	14.03	152	57919	9.939	ng	97
50) Dimethylphthalate	13.78	163	55550	11.481	ng	98
51) 2,6-Dinitrotoluene	13.89	165	11027	11.588	ng	88
52) Acenaphthene	14.37	154	38046	10.403	ng	98
53) 3-Nitroaniline	14.21	138	10879	10.137	ng	97
54) 2,4-Dinitrophenol	14.42	184	5055	14.541	ng	95
55) Dibenzofuran	14.71	168	62983	11.243	ng	98
56) 4-Nitrophenol	14.54	139	8178	10.190	ng	88
57) 2,4-Dinitrotoluene	14.67	165	14864	11.586	ng	97
58) Fluorene	15.36	166	52769	12.366	ng	96
59) 2,3,4,6-Tetrachlorophenol	14.86	232	14453	12.306	ng	92
60) Diethylphthalate	15.16	149	53566	10.998	ng	98
61) 4-Chlorophenyl-phenylether	15.37	204	30705	13.341	ng	96
62) 4-Nitroaniline	15.38	138	11980	11.121	ng	93
63) Azobenzene	15.66	77	53740	11.422	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	7592	13.143	ng	95
66) n-Nitrosodiphenylamine	15.58	169	46466	9.998	ng	98
67) 4-Bromophenyl-phenylether	16.27	248	19448	10.950	ng	95
68) Hexachlorobenzene	16.37	284	23748	11.886	ng	94
69) Atrazine	16.55	200	17754	10.780	ng	94
70) Pentachlorophenol	16.73	266	11230	10.924	ng	95
71) Phenanthrene	17.11	178	94767	10.895	ng	98
72) Anthracene	17.20	178	90118	10.453	ng	98
73) Carbazole	17.47	167	84971	10.652	ng	98
74) Di-n-butylphthalate	18.06	149	102265	10.100	ng	99
75) Fluoranthene	19.09	202	124435	11.818	ng	99
77) Benzidine	19.28	184	45564	12.457	ng	98
78) Pyrene	19.45	202	127226	10.960	ng	98
80) Butylbenzylphthalate	20.35	149	46844	9.380	ng	95
81) Benzo(a)anthracene	21.16	228	119907	10.683	ng	98
82) 3,3'-Dichlorobenzidine	21.10	252	45579	11.440	ng	97
83) Chrysene	21.21	228	119373	11.092	ng	100
84) Bis(2-ethylhexyl)phthalate	21.12	149	65855	8.999	ng	99
85) Di-n-octyl phthalate	22.00	149	104085	8.178	ng	100
86) Indeno(1,2,3-cd)pyrene	25.69	276	134237	10.249	ng	99
88) Benzo(b)fluoranthene	22.74	252	113473	10.982	ng	99
89) Benzo(k)fluoranthene	22.79	252	112862	11.403	ng	99
90) Benzo(a)pyrene	23.32	252	108155	11.182	ng	98
91) Dibenzo(a,h)anthracene	25.70	278	113395	11.796	ng	100
92) Benzo(g,h,i)perylene	26.37	276	110649	11.541	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.66 min Scan# 829

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

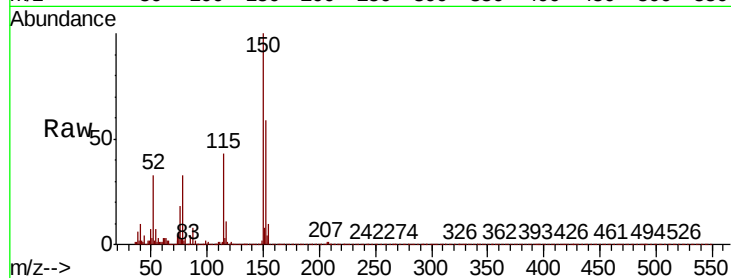
Tot Ion:152 Resp: 16301

Ion Ratio Lower Upper

152 100

150 169.8 122.0 183.0

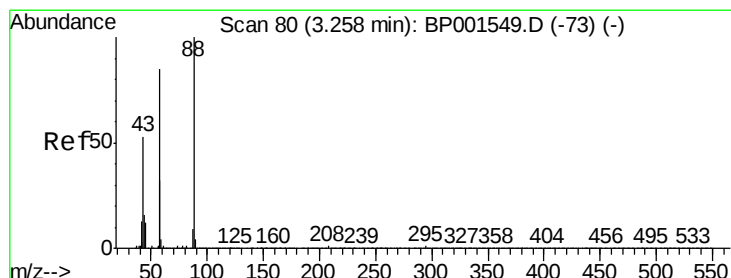
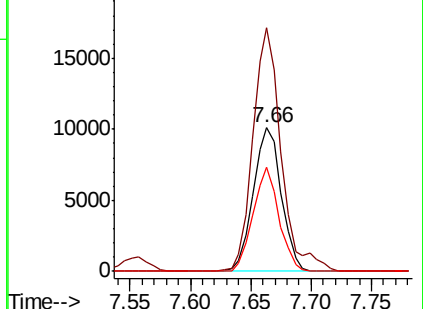
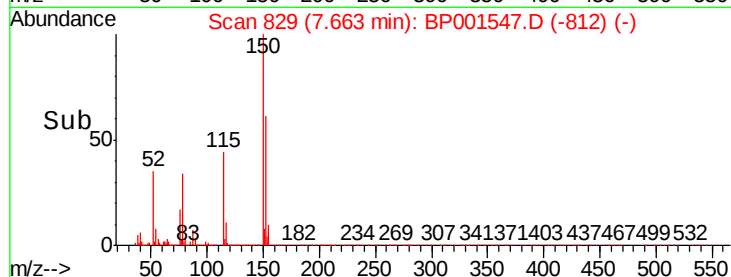
115 72.3 50.7 76.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.195 ng

RT: 3.26 min Scan# 80

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

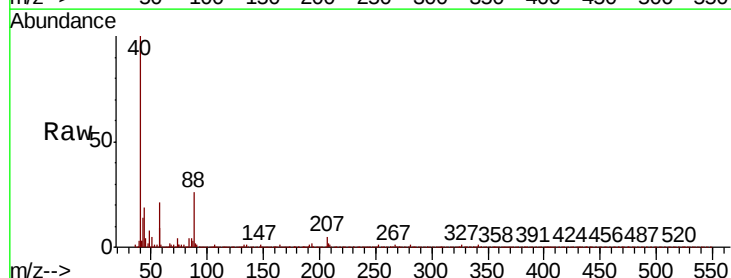
Tgt Ion: 88 Resp: 2935

Ion Ratio Lower Upper

88 100

58 91.6 69.5 104.3

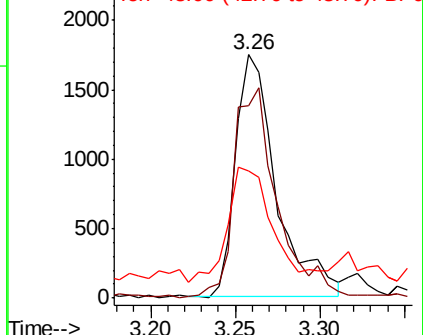
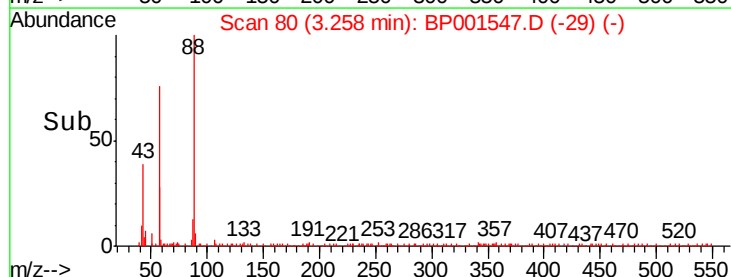
43 53.8 40.3 60.5

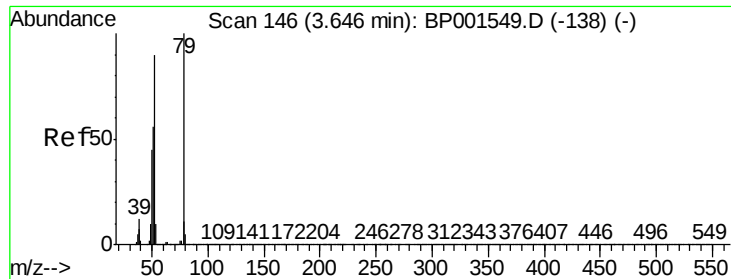


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0

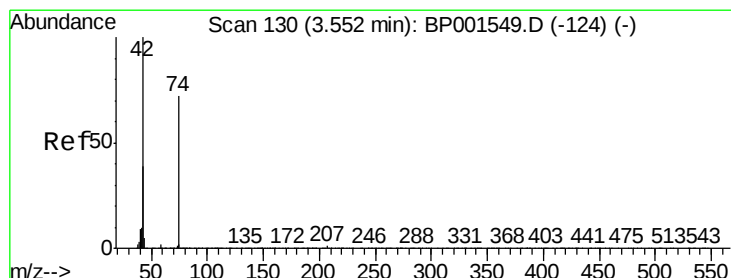
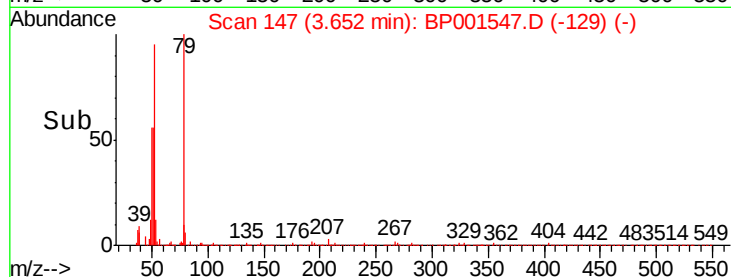
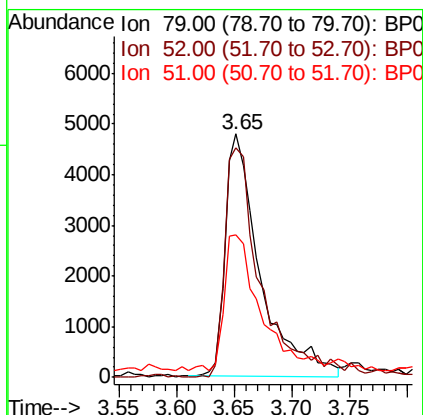
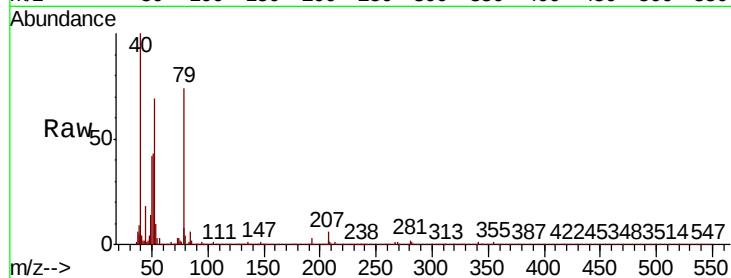




#3
 Pvridine
 Concen: 8.141 ng
 RT: 3.65 min Scan# 147
 Delta R.T. 0.01 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

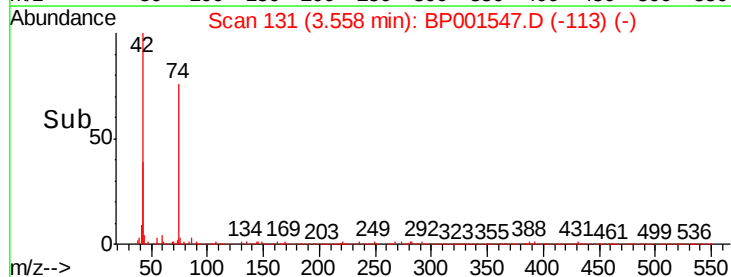
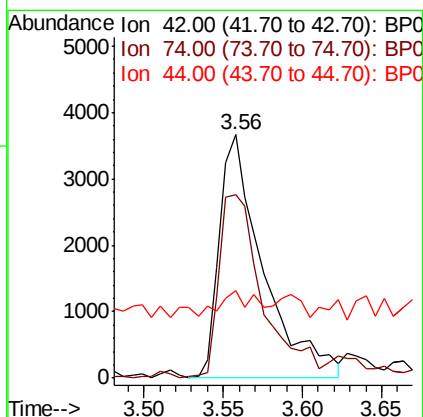
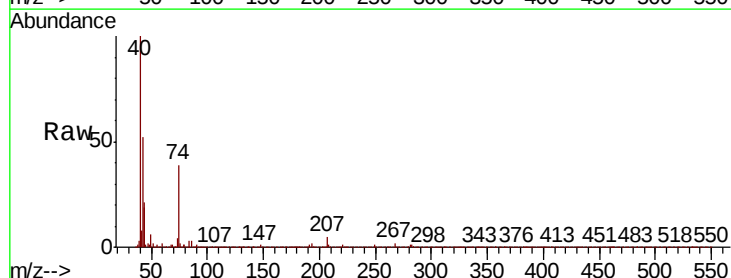
Instrument :
 BNA_P
 ClientSampleId :

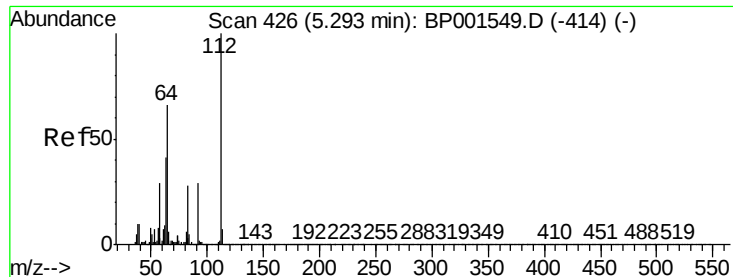
Tot Ion: 79 Resp: 10095
 Ion Ratio Lower Upper
 79 100
 52 94.2 72.1 108.1
 51 58.6 44.8 67.2



#4
 n-Nitrosodimethylamine
 Concen: 13.374 ng
 RT: 3.56 min Scan# 131
 Delta R.T. 0.01 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Tgt Ion: 42 Resp: 7011
 Ion Ratio Lower Upper
 42 100
 74 75.1 58.0 87.0
 44 36.1 6.7 10.1#





#5

2-Fluorophenol

Concen: 18.628 ng

RT: 5.29 min Scan# 426

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

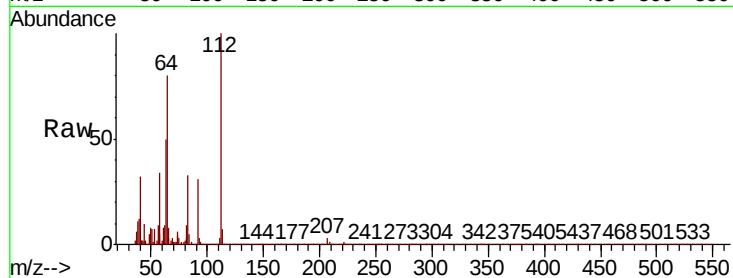
Tot Ion: 112 Resp: 18075

Ion Ratio Lower Upper

112 100

64 79.5 52.8 79.2#

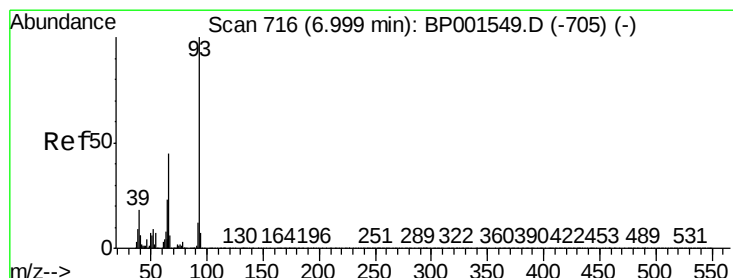
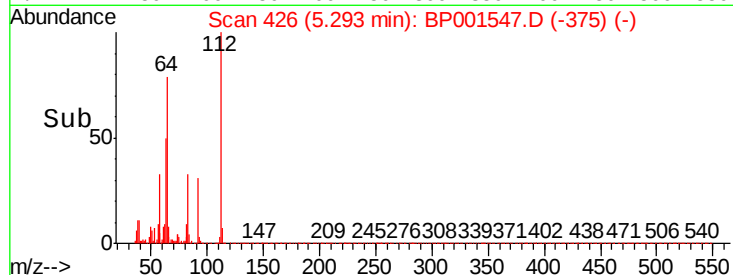
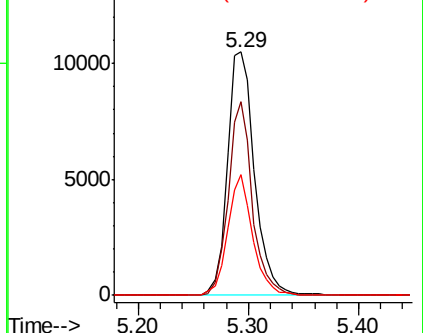
63 49.8 33.1 49.7#



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: 10.466 ng

RT: 7.00 min Scan# 716

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

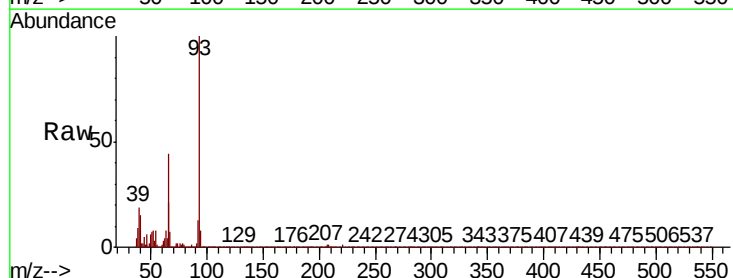
Tgt Ion: 93 Resp: 17617

Ion Ratio Lower Upper

93 100

66 44.2 36.4 54.6

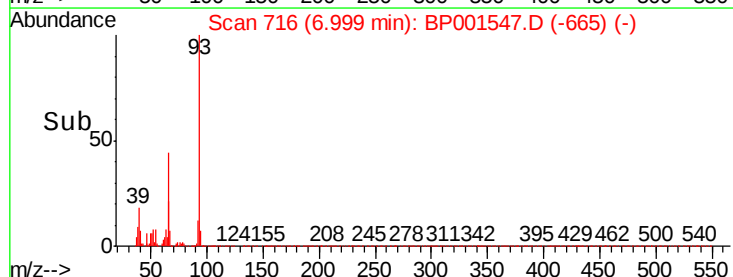
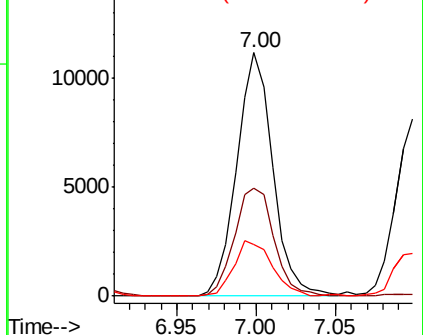
65 21.1 18.5 27.7

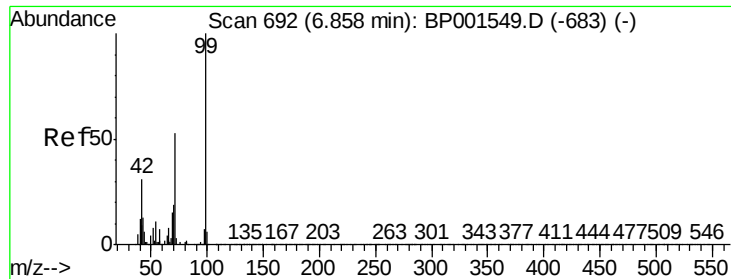


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 21.413 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

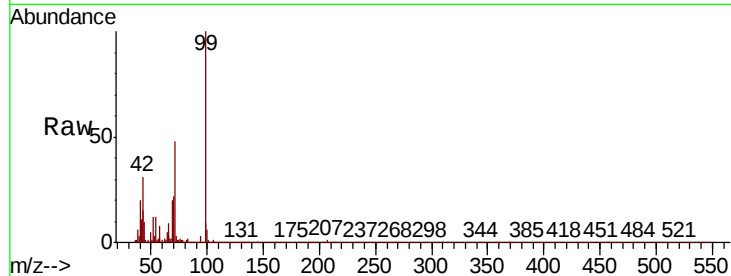
Tot Ion: 99 Resp: 27984

Ion Ratio Lower Upper

99 100

42 30.9 24.5 36.7

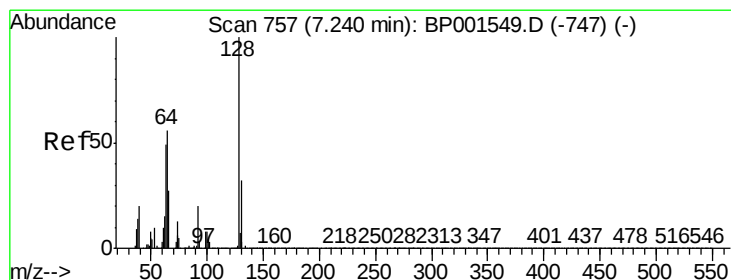
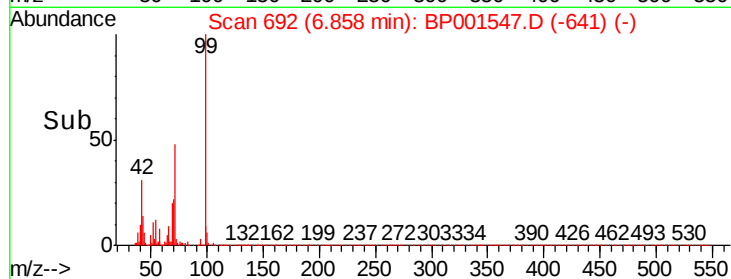
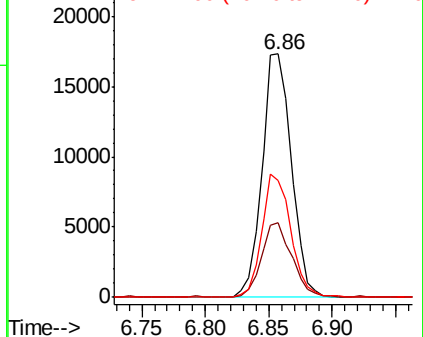
71 48.1 42.4 63.6



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 10.581 ng

RT: 7.23 min Scan# 756

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

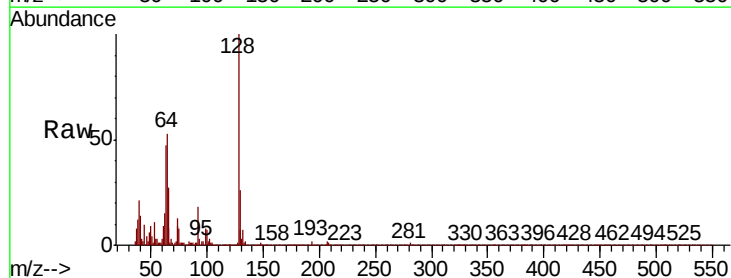
Tgt Ion: 128 Resp: 10642

Ion Ratio Lower Upper

128 100

130 26.3 11.8 51.8

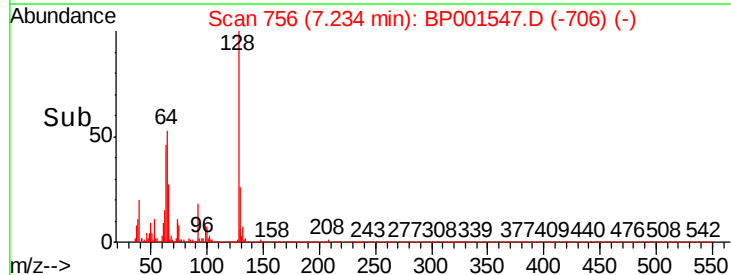
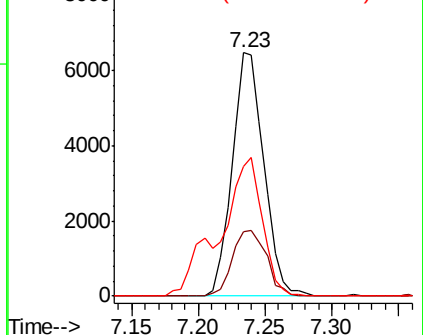
64 53.4 37.2 77.2

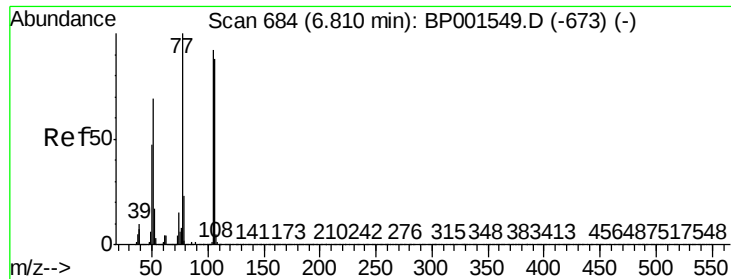


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 13.547 ng

RT: 6.81 min Scan# 684

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

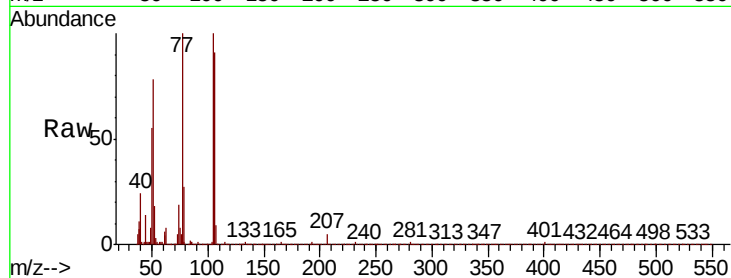
Tot Ion: 77 Resp: 9790

Ion Ratio Lower Upper

77 100

105 100.4 71.6 111.6

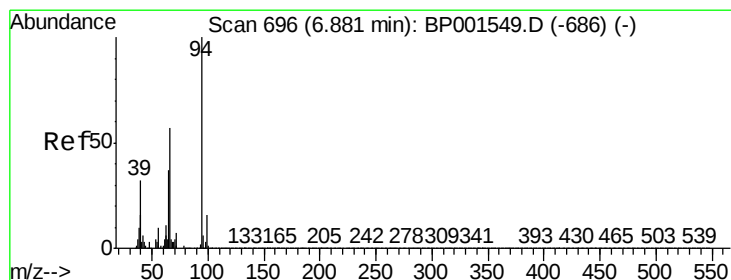
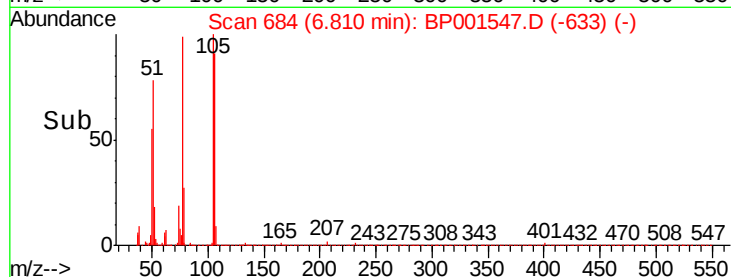
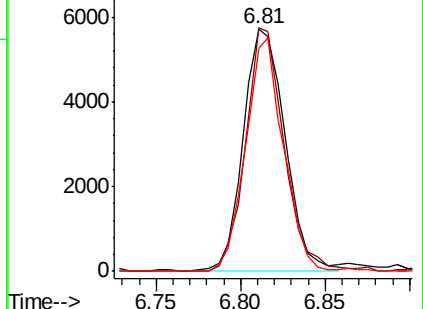
106 91.8 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BP0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 10.554 ng

RT: 6.88 min Scan# 696

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

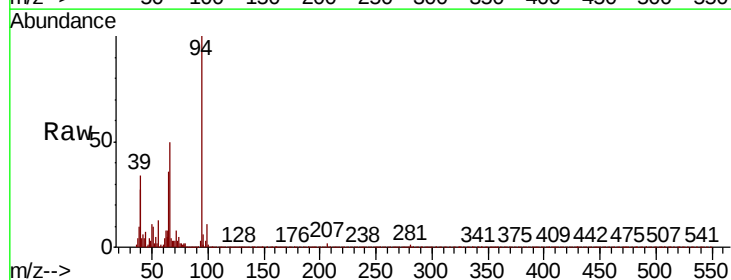
Tgt Ion: 94 Resp: 14510

Ion Ratio Lower Upper

94 100

65 36.2 17.5 57.5

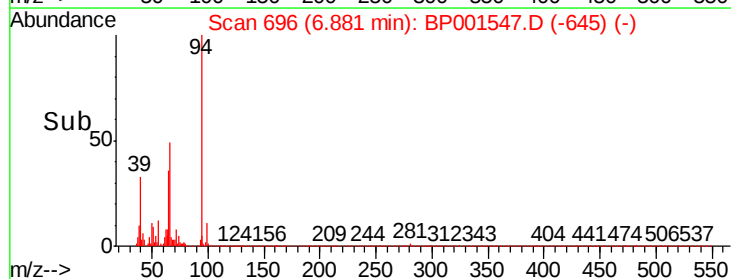
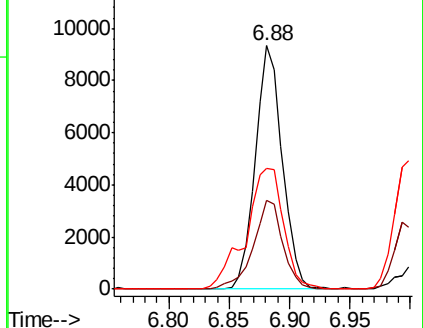
66 49.6 36.7 76.7

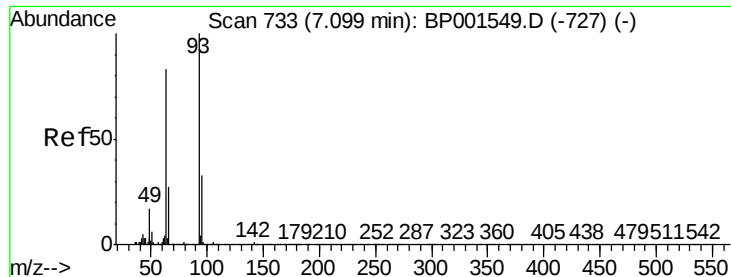


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

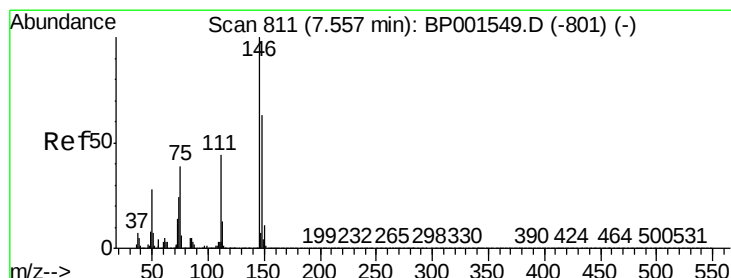
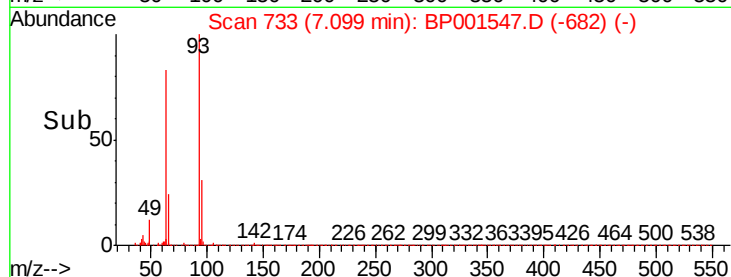
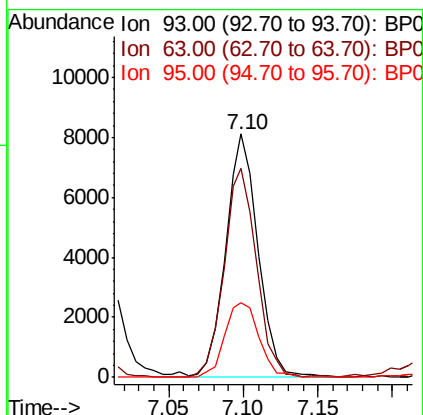
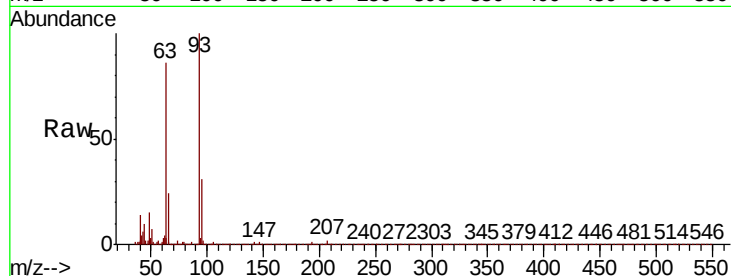




#11
bis(2-Chloroethyl)ether
Concen: 11.289 ng
RT: 7.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

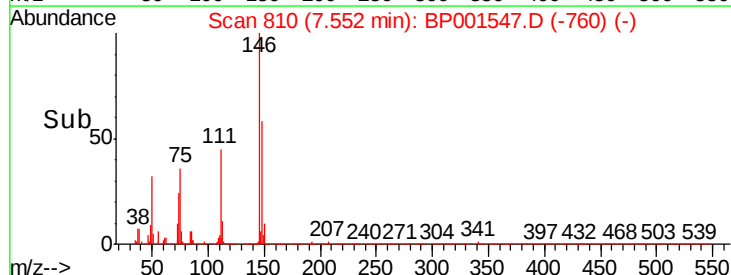
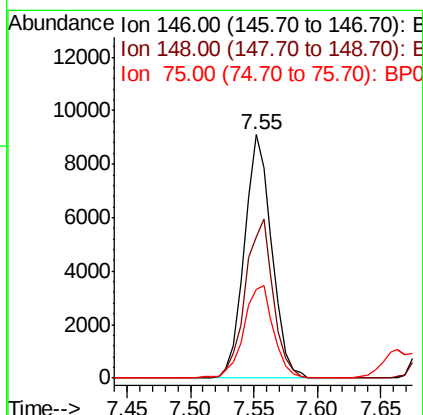
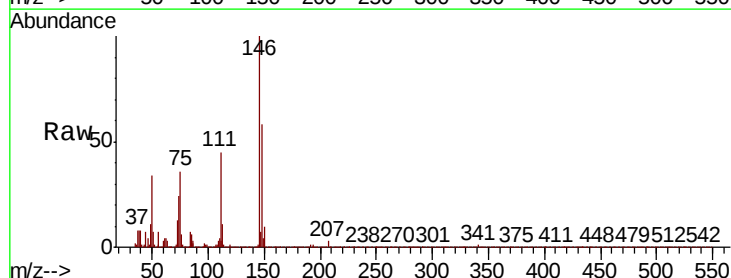
Instrument :
BNA_P
ClientSampled :

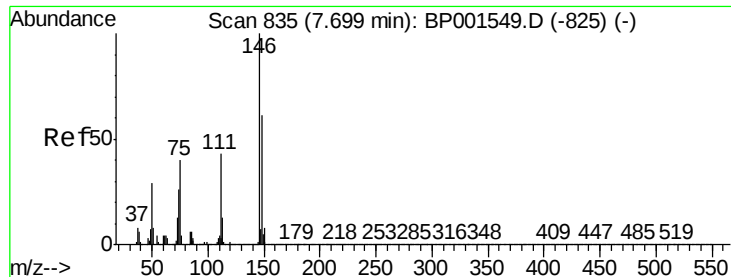
Tot Ion	Ratio	Lower	Upper
93	100		
63	86.0	63.2	103.2
95	30.7	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 11.002 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	57.9	50.2	75.2
75	36.5	31.1	46.7

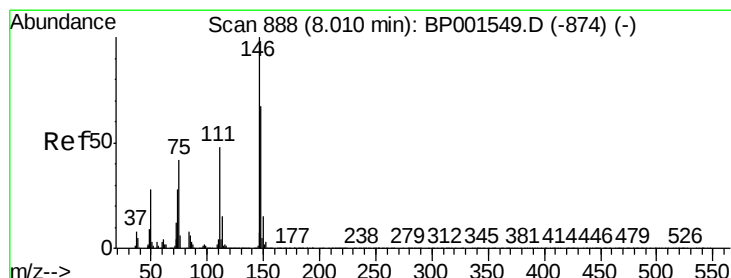
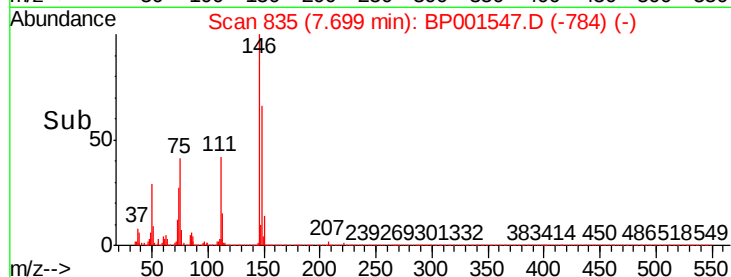
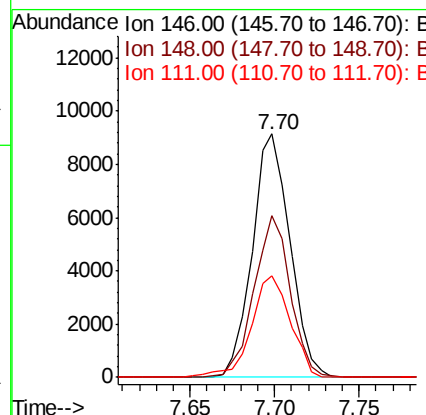
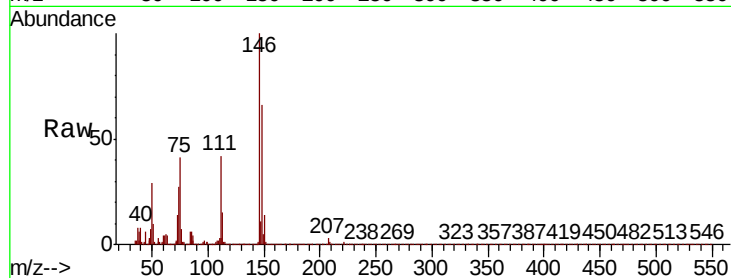




#13
 1,4-Dichlorobenzene
 Concen: 11.430 ng
 RT: 7.70 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

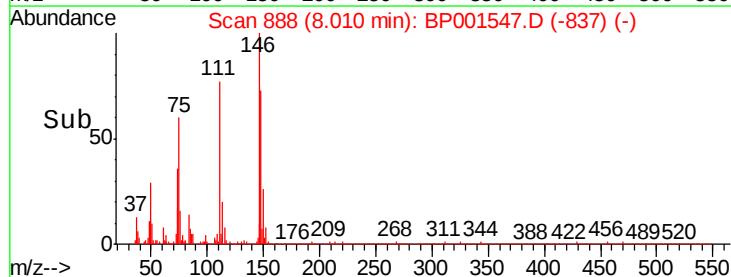
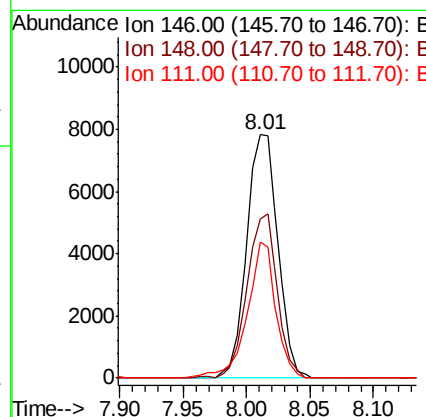
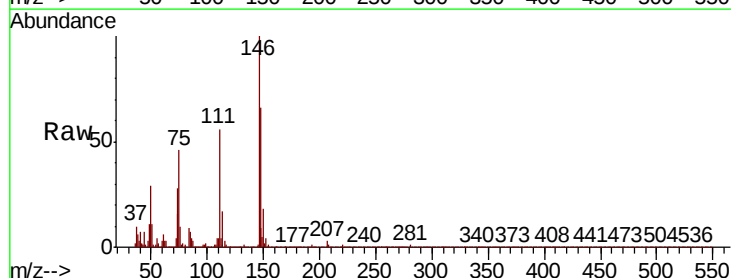
Instrument :
 BNA_P
 ClientSampleId :

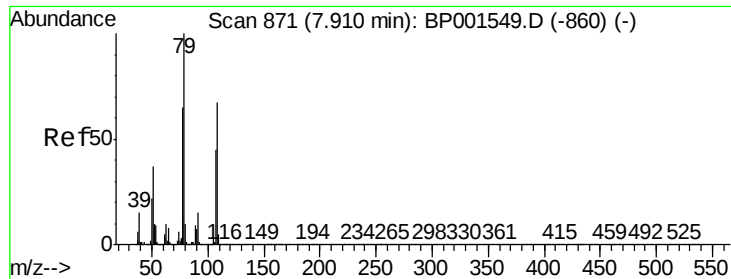
Tot Ion:146 Resp: 14151
 Ion Ratio Lower Upper
 146 100
 148 66.4 48.6 73.0
 111 41.7 34.3 51.5



#14
 1,2-Dichlorobenzene
 Concen: 11.286 ng
 RT: 8.01 min Scan# 888
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Tgt Ion:146 Resp: 13391
 Ion Ratio Lower Upper
 146 100
 148 65.6 53.9 80.9
 111 56.0 38.2 57.4





#15

Benzyl Alcohol

Concen: 12.823 ng

RT: 7.91 min Scan# 871

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampled :

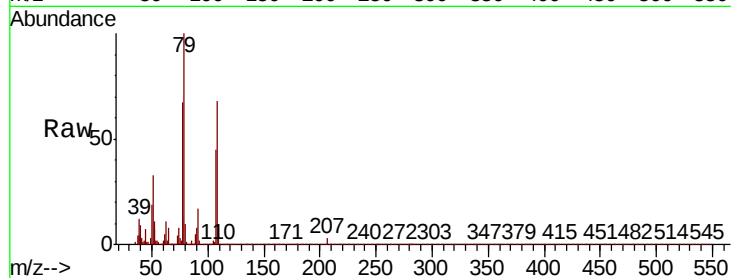
Tot Ion: 79 Resp: 13470

Ion Ratio Lower Upper

79 100

108 67.7 53.2 79.8

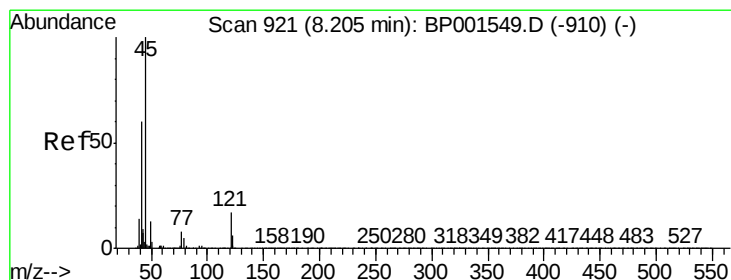
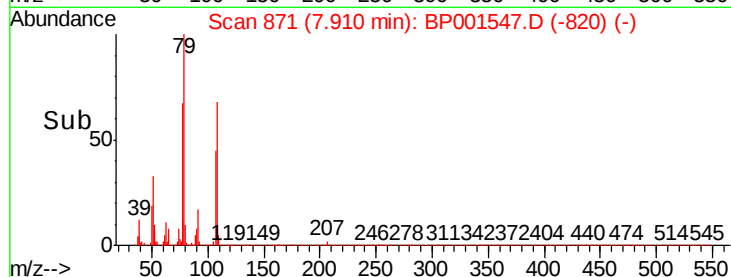
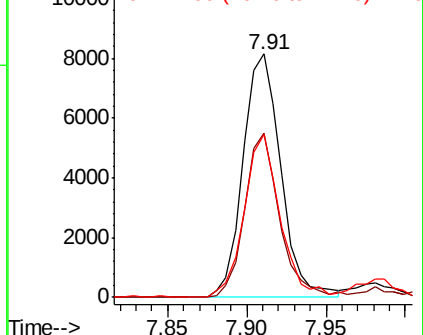
77 66.8 52.1 78.1



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): BP0

Ion 77.00 (76.70 to 77.70): BP0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 14.851 ng

RT: 8.20 min Scan# 921

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

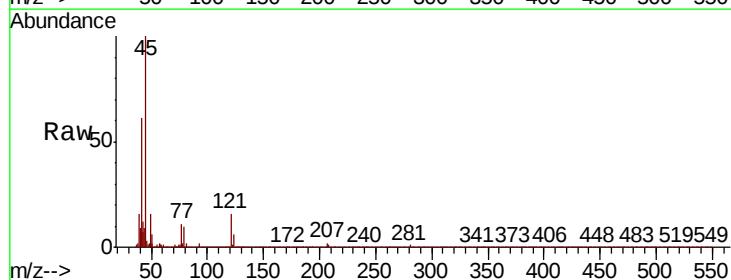
Tgt Ion: 45 Resp: 22498

Ion Ratio Lower Upper

45 100

77 11.2 0.0 32.6

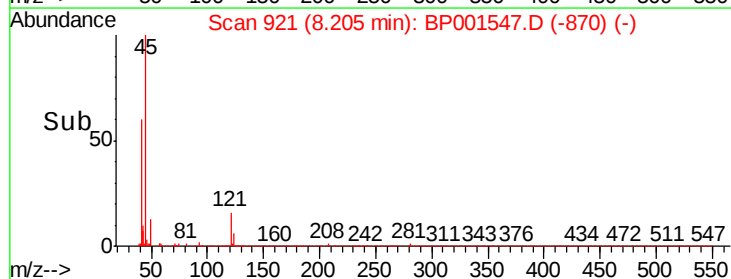
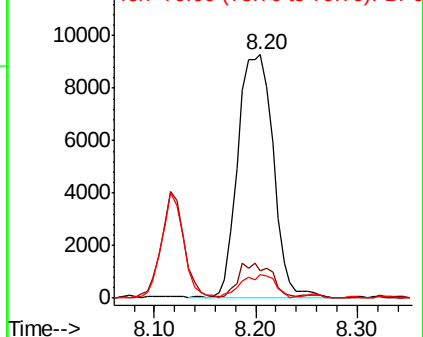
79 9.5 0.0 29.3

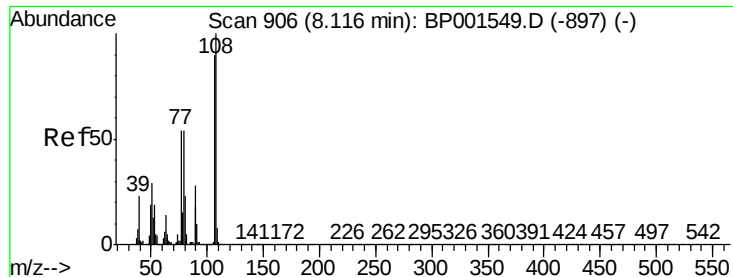


Abundance Ion 45.00 (44.70 to 45.70): BP0

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0

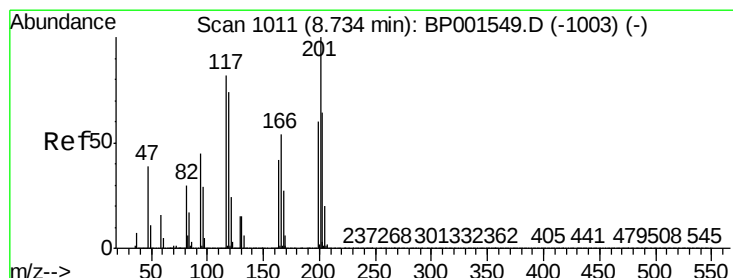
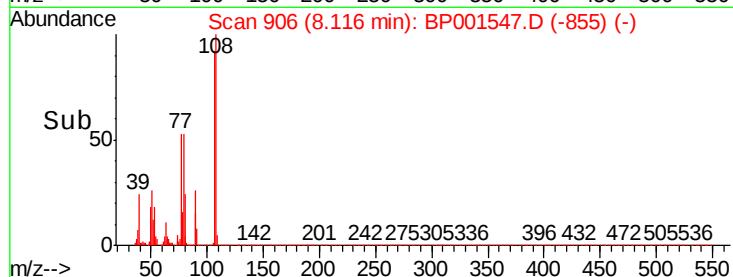
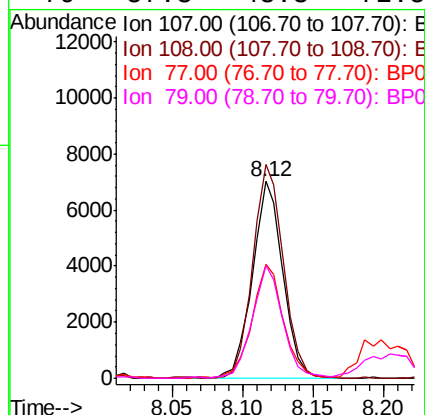
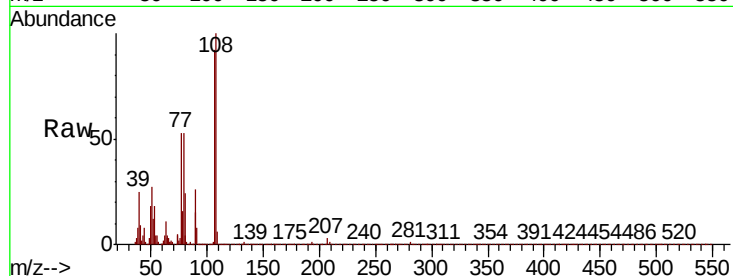




#17
2-Methylphenol
Concen: 11.833 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

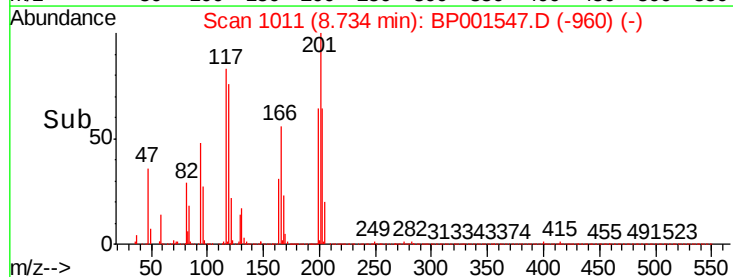
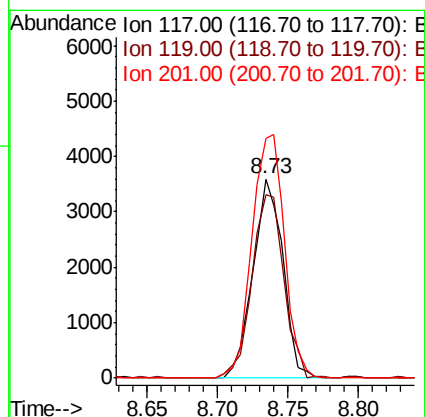
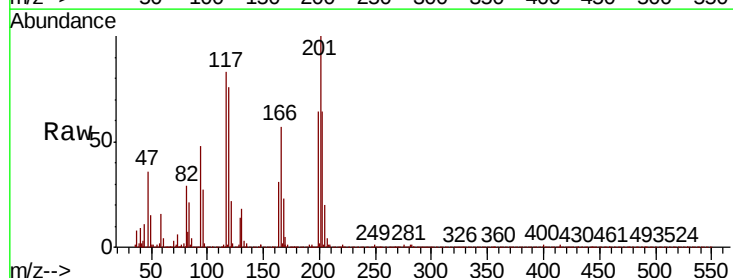
Instrument :
BNA_P
ClientSampleId :

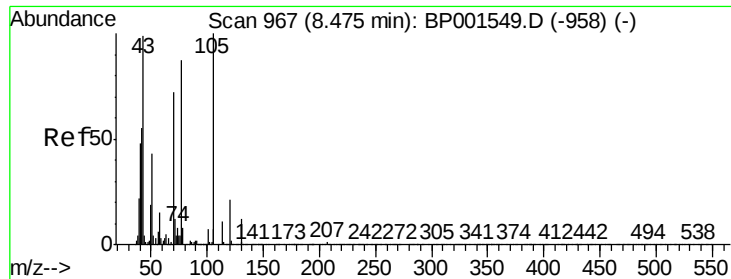
Tot Ion:	107	Resp:	10633
Ion	Ratio	Lower	Upper
107	100		
108	108.4	89.2	133.8
77	57.8	47.9	71.9
79	57.3	48.3	72.5



#18
Hexachloroethane
Concen: 11.453 ng
RT: 8.73 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:	117	Resp:	5390
Ion	Ratio	Lower	Upper
117	100		
119	91.8	71.8	107.8
201	120.6	97.6	146.4

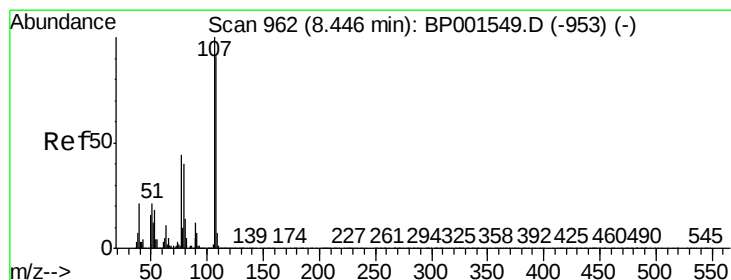
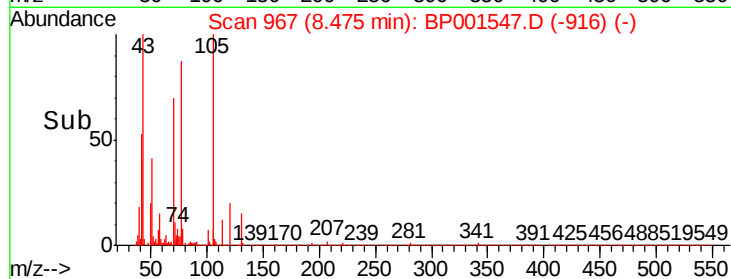
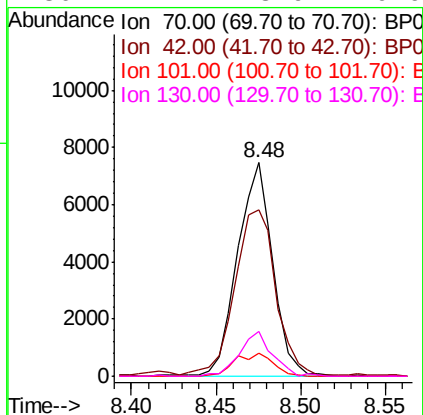
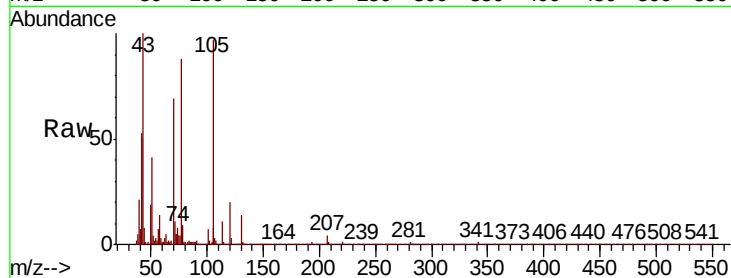




#19
n-Nitroso-di-n-propylamine
Concen: 12.608 ng
RT: 8.48 min Scan# 967
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

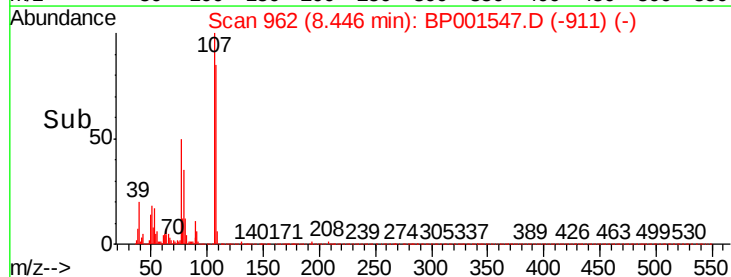
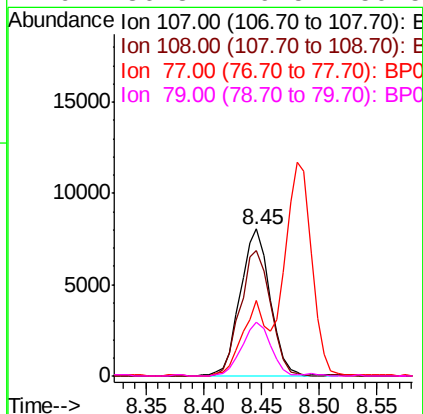
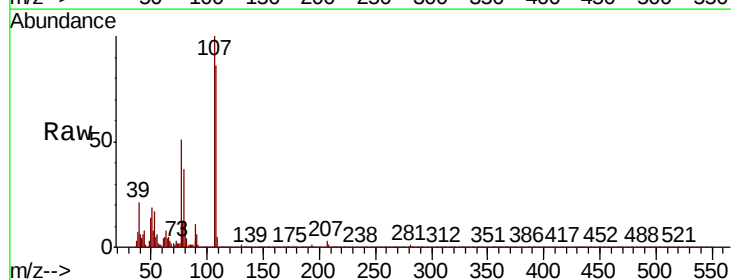
Instrument :
BNA_P
ClientSampleId :

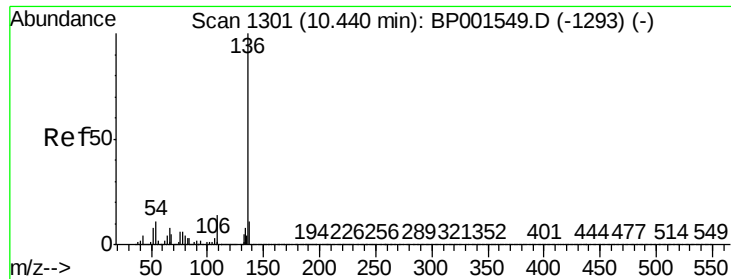
Tot Ion:	70	Resp:	10737
Ion	Ratio	Lower	Upper
70	100		
42	78.0	62.3	93.5
101	10.6	7.3	10.9
130	21.1	13.9	20.9



#20
3+4-Methylphenols
Concen: 12.046 ng
RT: 8.45 min Scan# 962
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:	107	Resp:	14579
Ion	Ratio	Lower	Upper
107	100		
108	85.8	71.2	111.2
77	51.3	24.4	64.4
79	36.8	19.5	59.5

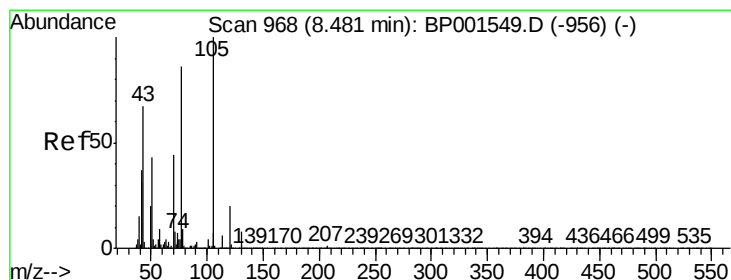
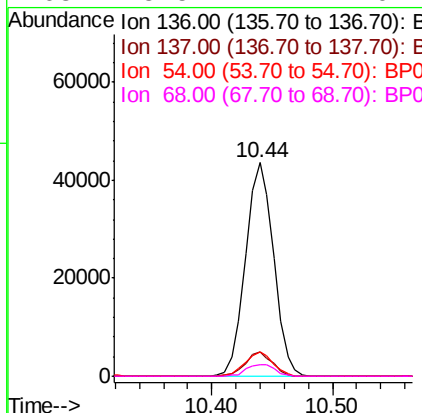
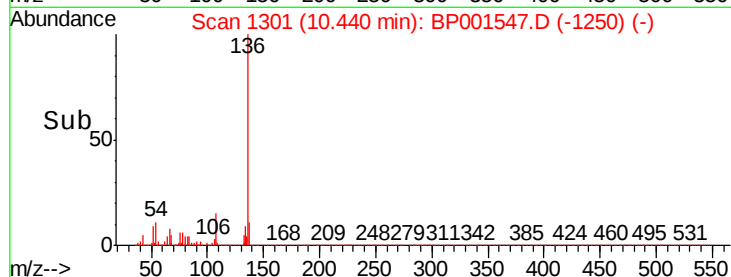
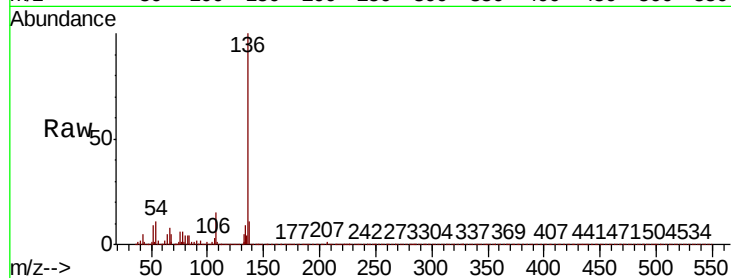




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

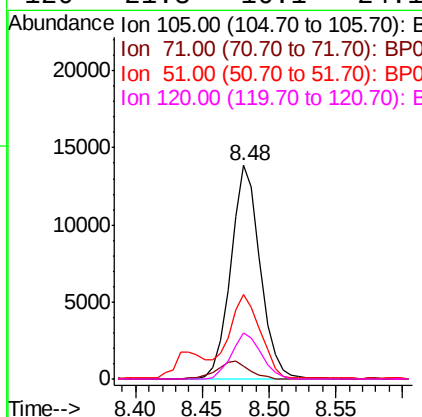
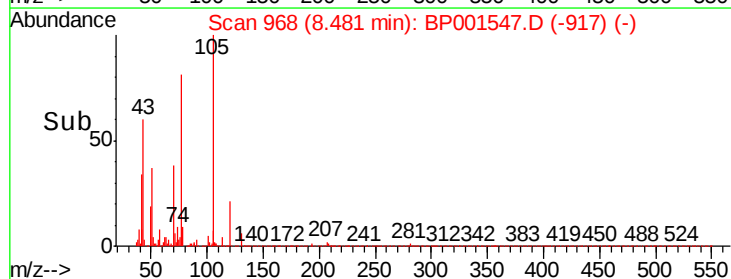
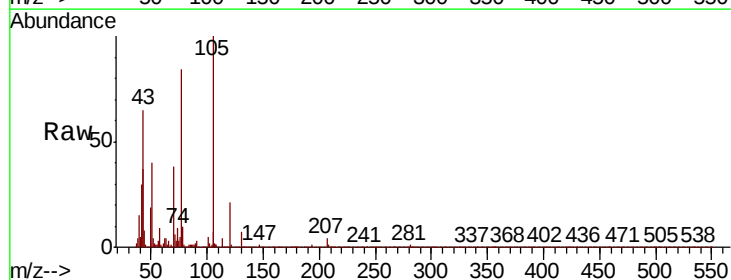
Instrument :
BNA_P
ClientSampleId :

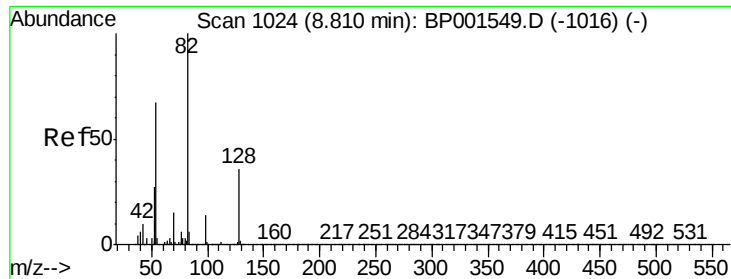
Tot Ion:136	Resp:	70759
Ion Ratio	Lower	Upper
136 100		
137 11.4	8.6	12.8
54 11.4	9.2	13.8
68 5.5	4.1	6.1



#22
Acetophenone
Concen: 10.688 ng
RT: 8.48 min Scan# 968
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt	Ion:105	Resp:	21273
Ion	Ratio	Lower	Upper
105	100		
71	6.1	6.6	10.0#
51	39.7	34.1	51.1
120	21.3	16.1	24.1

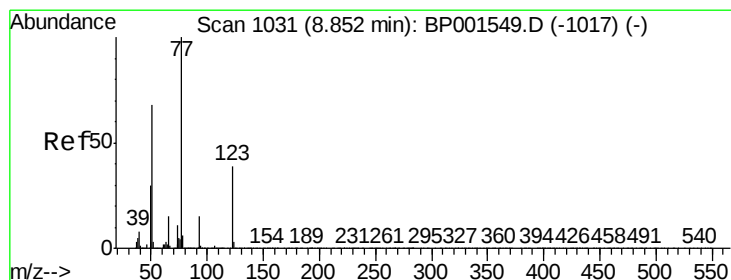
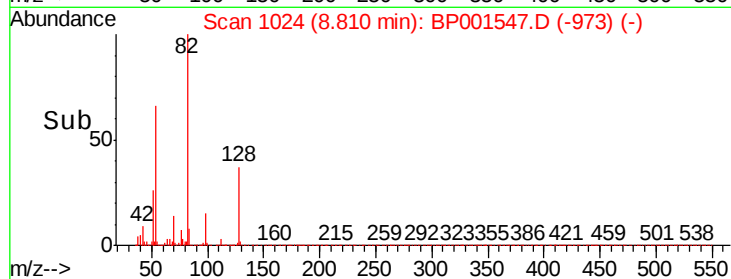
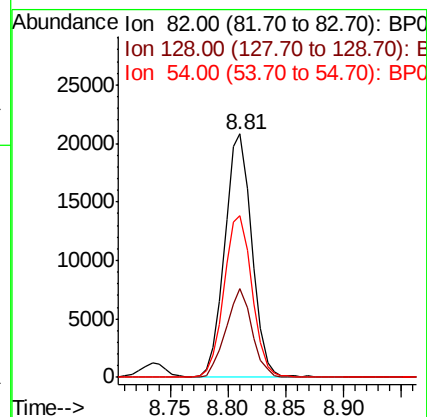
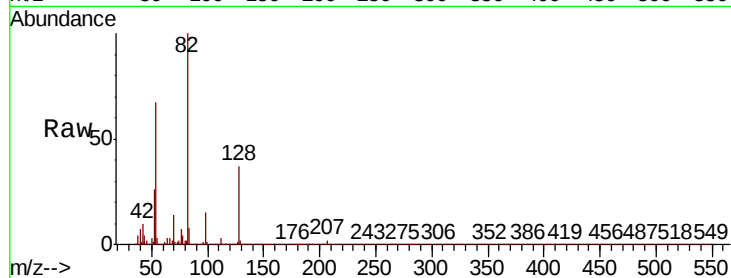




#23
 Nitrobenzene-d5
 Concen: 23.603 ng
 RT: 8.81 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

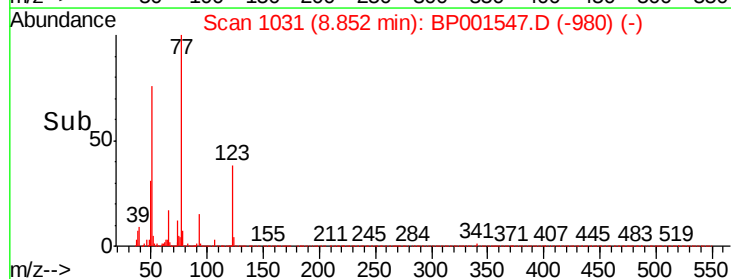
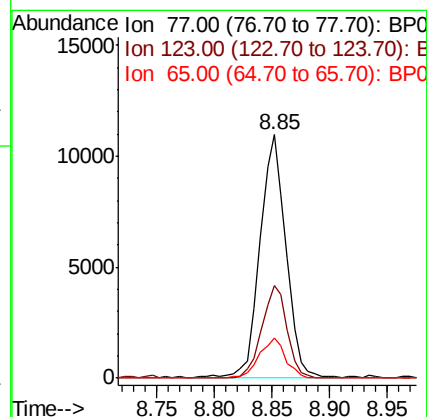
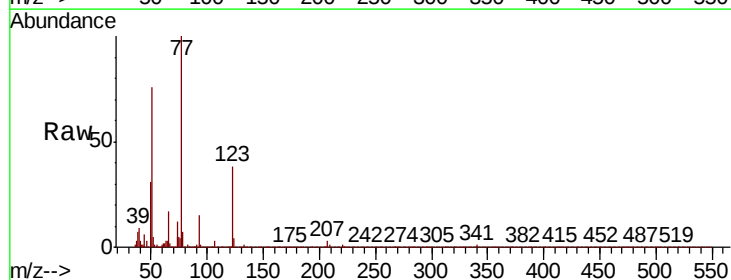
Instrument :
 BNA_P
 ClientSampled :

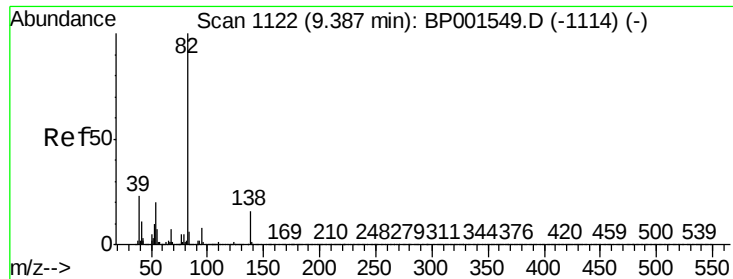
Tot Ion	82	Resp	33813
Ion Ratio	Lower	Upper	
82	100		
128	36.7	28.4	42.6
54	66.6	53.4	80.2



#24
 Nitrobenzene
 Concen: 11.691 ng
 RT: 8.85 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Tgt Ion	77	Resp	17251
Ion Ratio	Lower	Upper	
77	100		
123	38.2	31.1	46.7
65	16.6	12.4	18.6

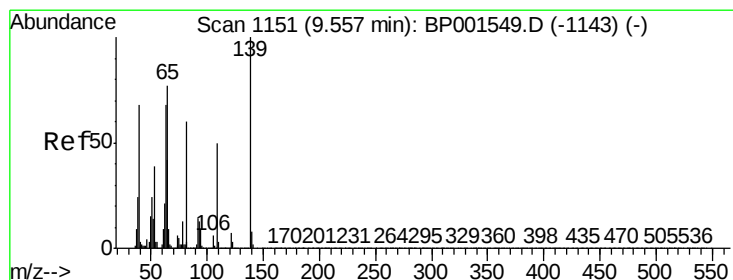
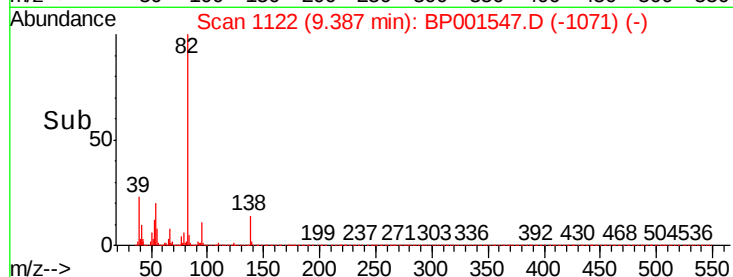
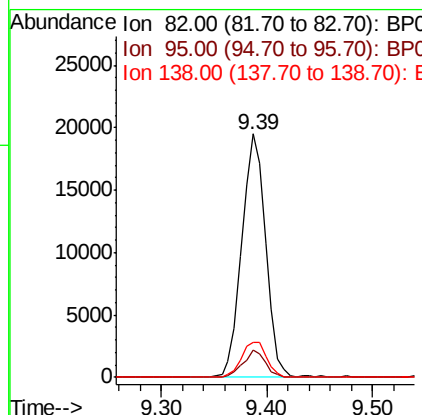
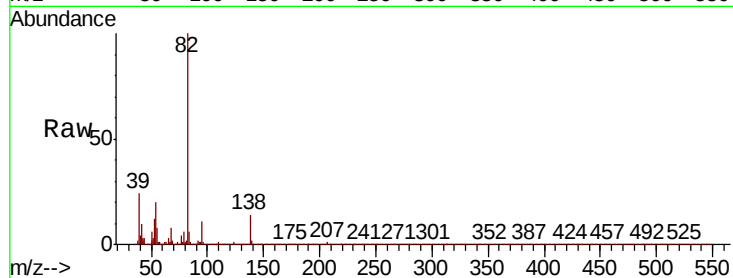




#25
Isophorone
Concen: 11.127 ng
RT: 9.39 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

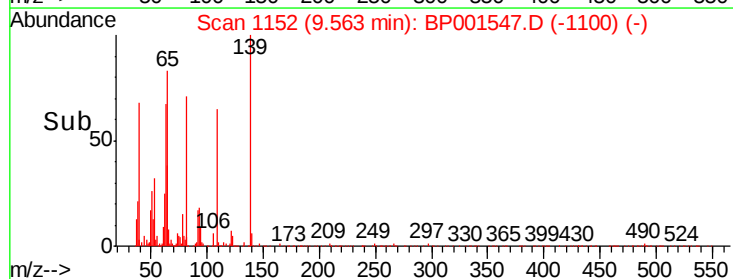
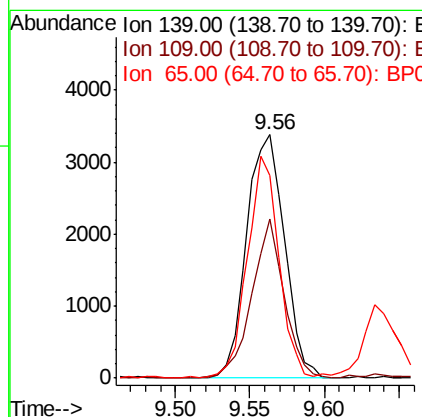
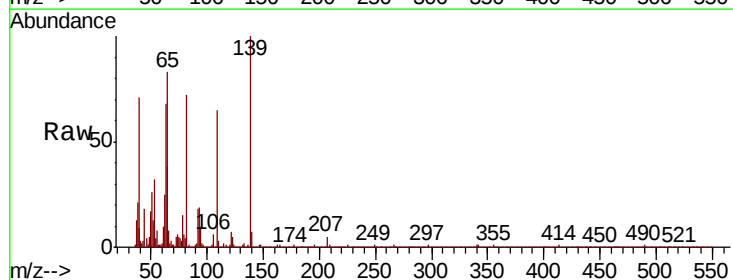
Instrument :
BNA_P
ClientSampleId :

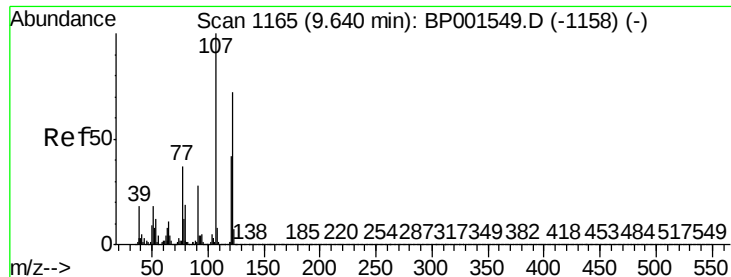
Tot Ion: 82 Resp: 30437
Ion Ratio Lower Upper
82 100
95 11.3 6.7 10.1#
138 14.3 12.5 18.7



#26
2-Nitrophenol
Concen: 11.270 ng
RT: 9.56 min Scan# 1152
Delta R.T. 0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion: 139 Resp: 5935
Ion Ratio Lower Upper
139 100
109 65.1 39.6 59.4#
65 83.4 61.3 91.9

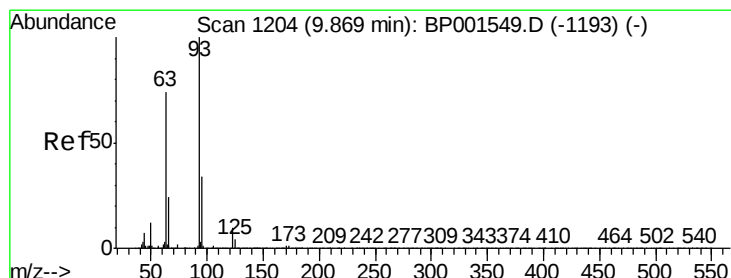
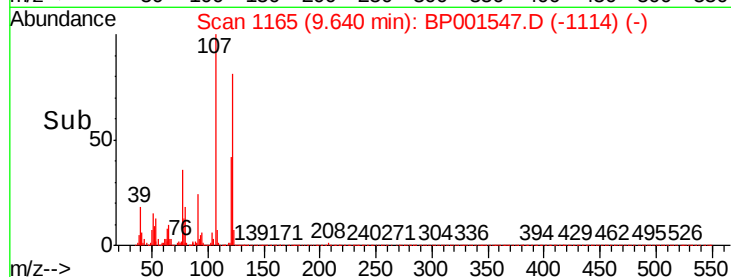
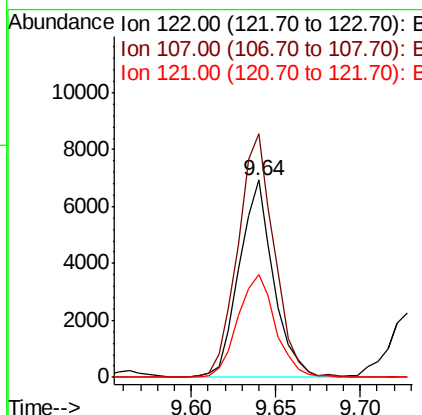
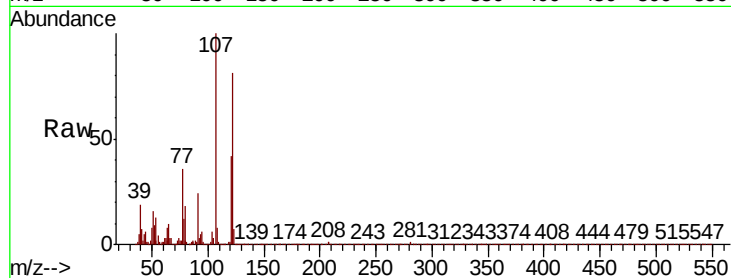




#27
2,4-Dimethylphenol
Concen: 10.275 ng
RT: 9.64 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

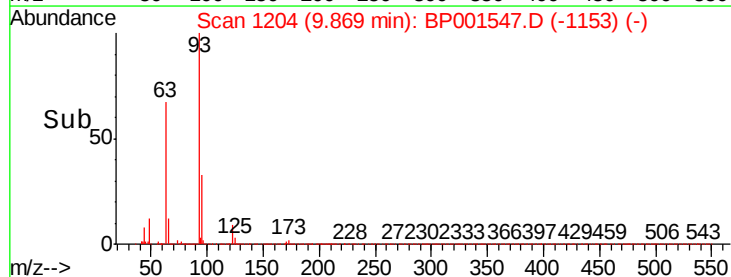
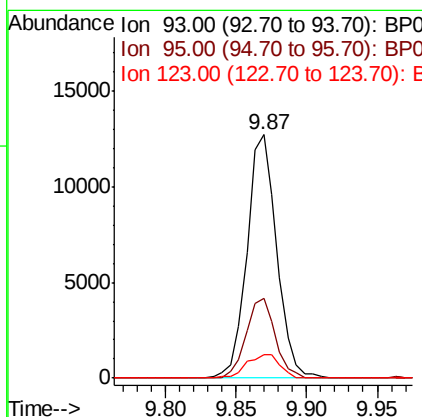
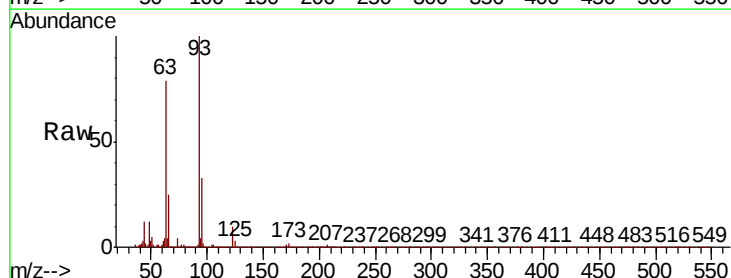
Instrument :
BNA_P
ClientSampleId :

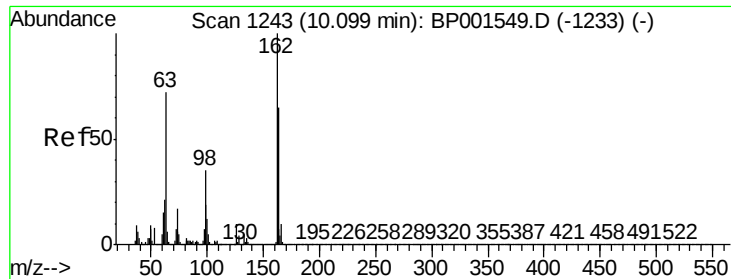
Tot Ion:122 Resp: 9797
Ion Ratio Lower Upper
122 100
107 123.4 111.8 167.6
121 52.1 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 10.970 ng
RT: 9.87 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion: 93 Resp: 18819
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 9.8 8.0 12.0

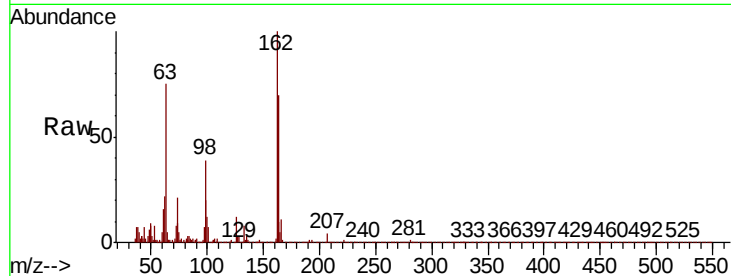




#29
2,4-Dichlorophenol
Concen: 11.034 ng
RT: 10.10 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.7	44.9	84.9
98	38.8	14.9	54.9

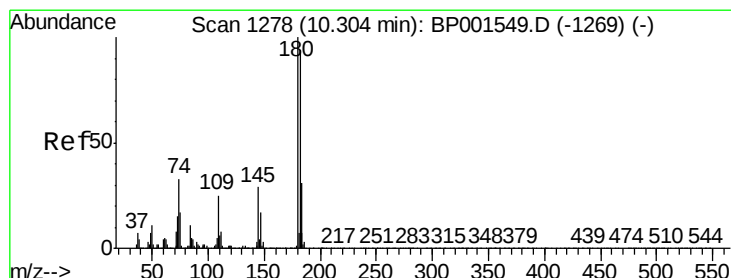
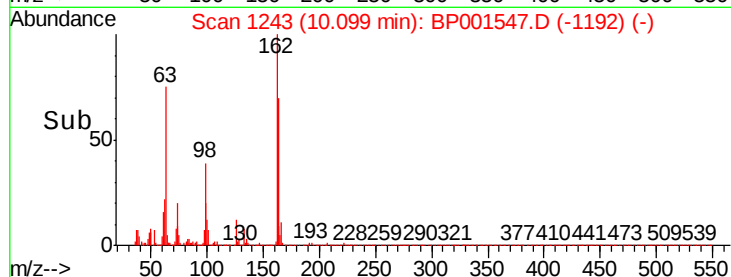
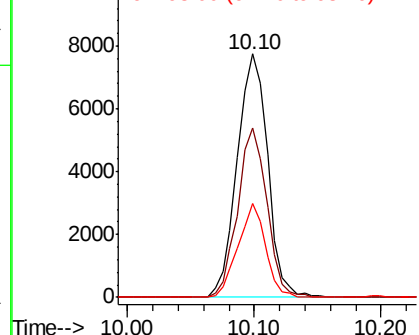


Abundance

Ion 162.00 (161.70 to 162.70): E

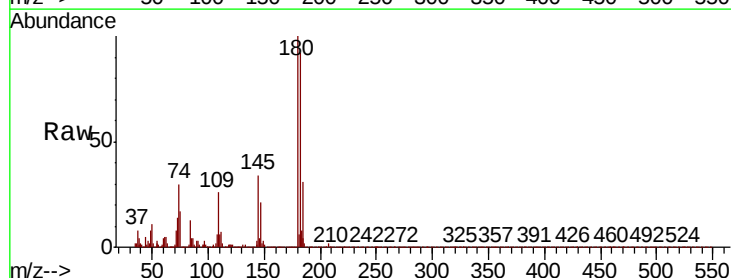
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 11.815 ng
RT: 10.30 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	75.2	112.8
145	34.3	22.9	34.3

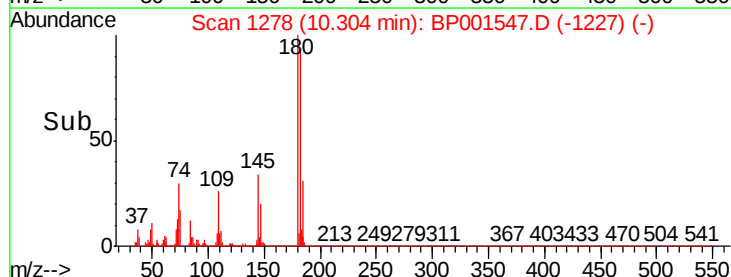
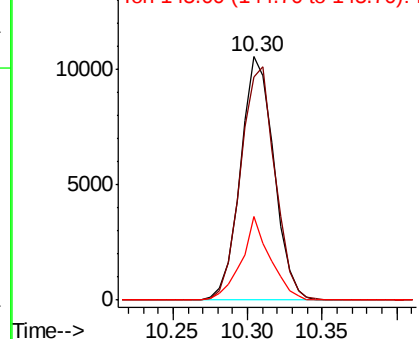


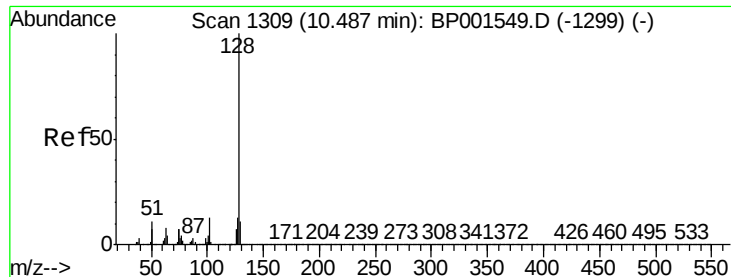
Abundance

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

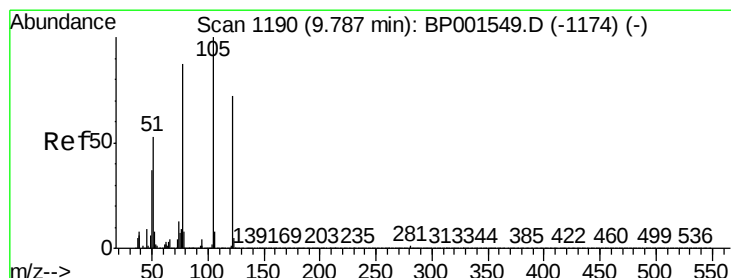
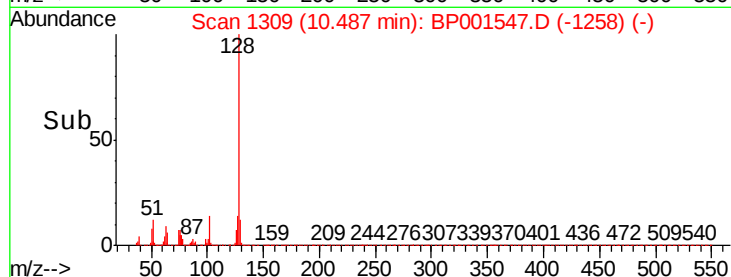
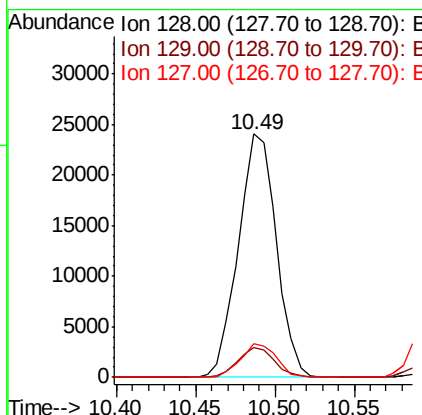
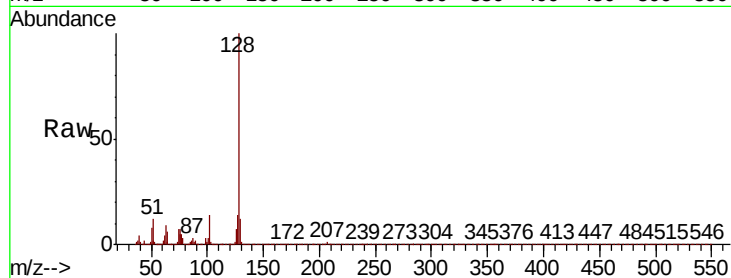




#31
Naphthalene
Concen: 10.771 ng
RT: 10.49 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

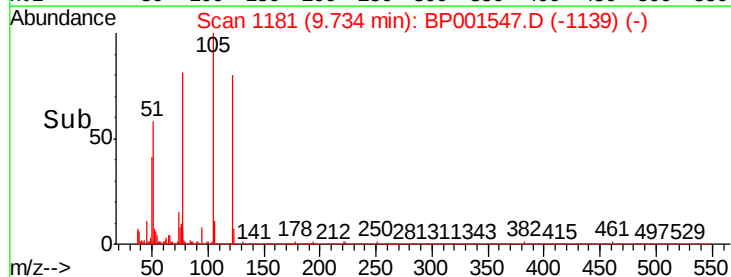
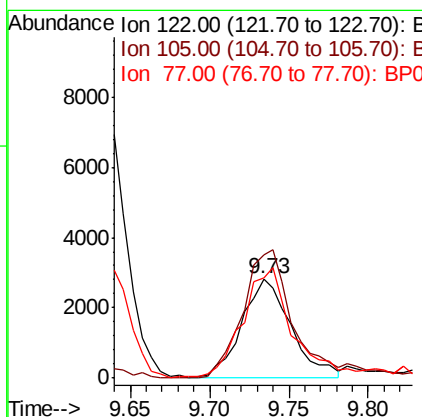
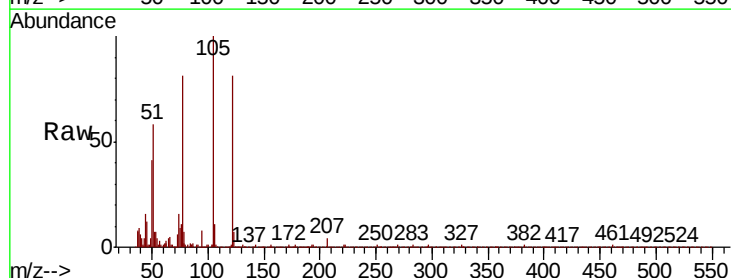
Instrument :
BNA_P
ClientSampleId :

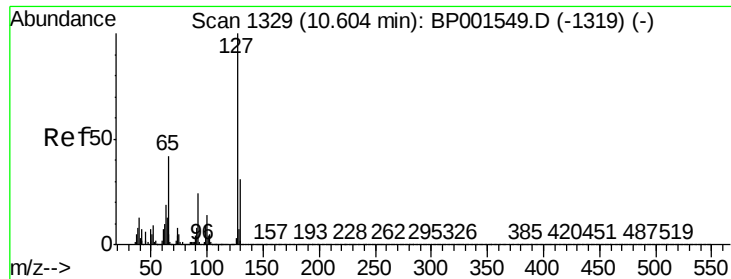
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	8.9	13.3
127	13.6	10.6	16.0



#32
Benzoic acid
Concen: 9.924 ng
RT: 9.73 min Scan# 1181
Delta R.T. -0.05 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	119.5	159.5
77	100.7	102.8	142.8#

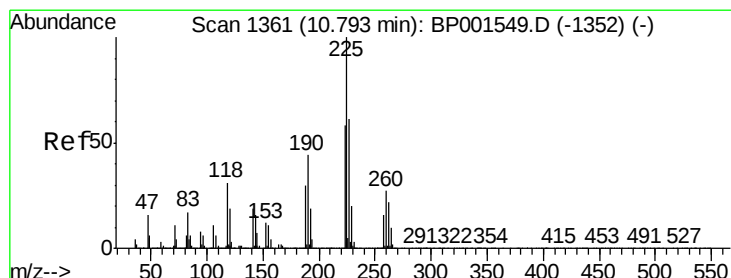
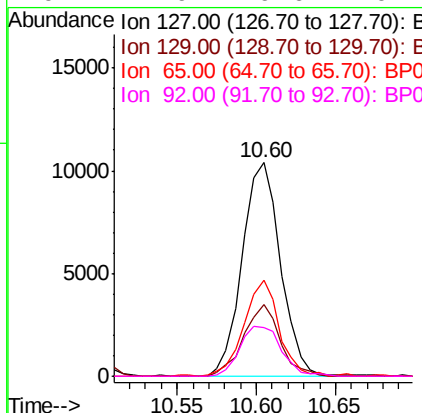
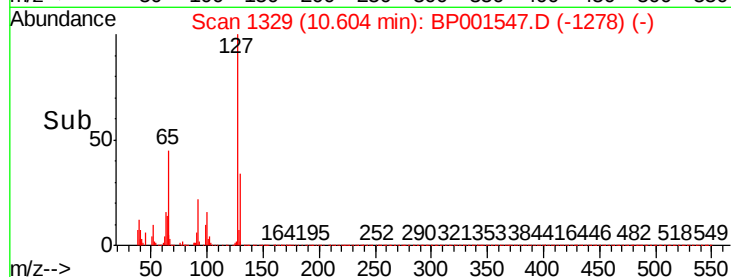
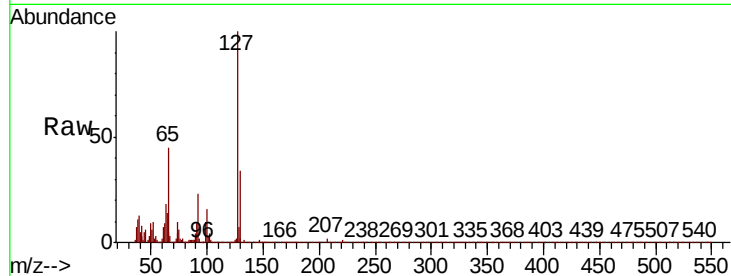




#33
4-Chloroaniline
Concen: 10.743 ng
RT: 10.60 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

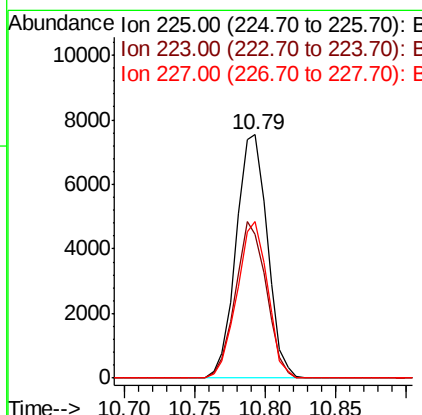
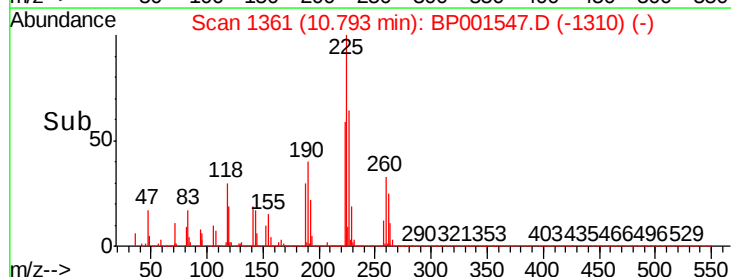
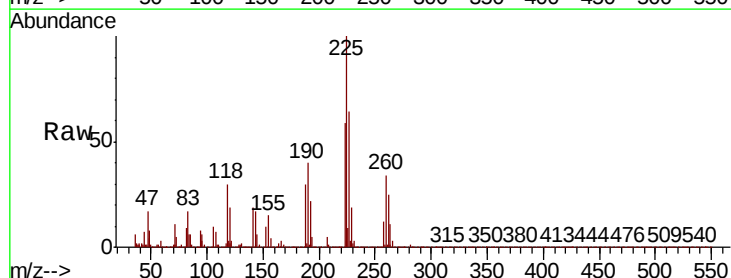
Instrument :
BNA_P
ClientSampleId :

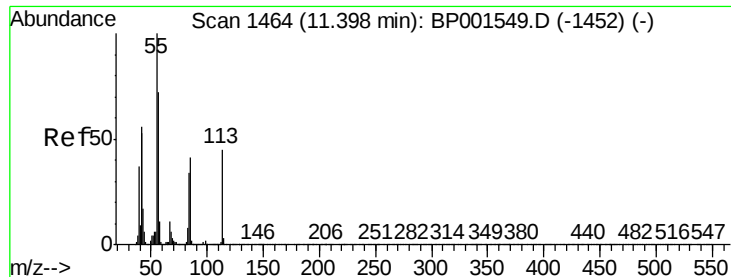
Tot Ion:	127	Resp:	17399
Ion	Ratio	Lower	Upper
127	100		
129	33.7	24.9	37.3
65	45.2	33.3	49.9
92	22.9	19.6	29.4



#34
Hexachlorobutadiene
Concen: 12.686 ng
RT: 10.79 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:	225	Resp:	11676
Ion	Ratio	Lower	Upper
225	100		
223	58.8	46.5	69.7
227	64.2	48.8	73.2

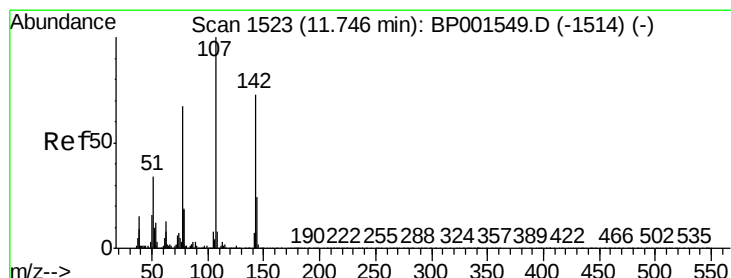
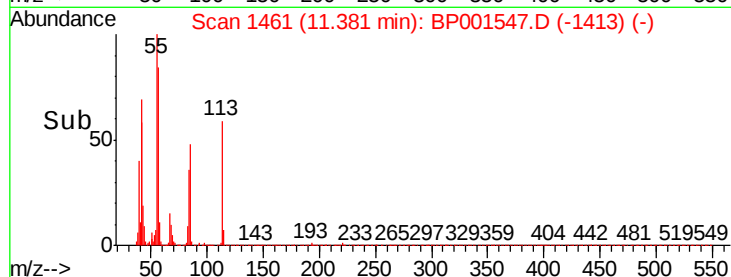
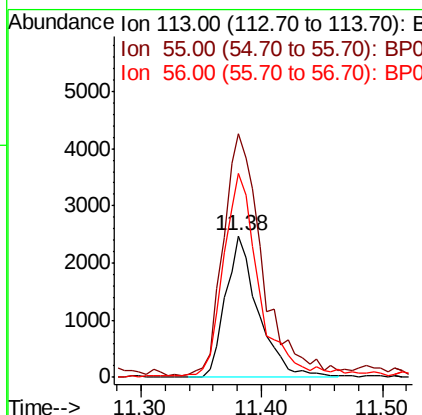
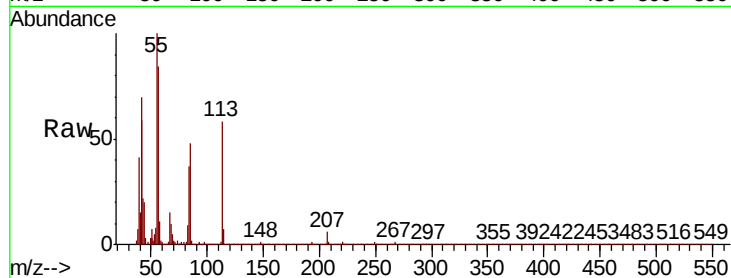




#35
Caprolactam
Concen: 11.970 ng
RT: 11.38 min Scan# 1461
Delta R.T. -0.02 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

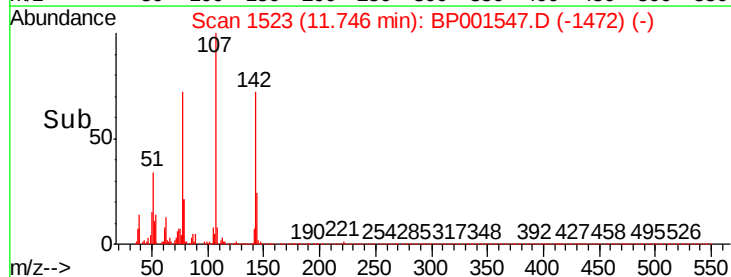
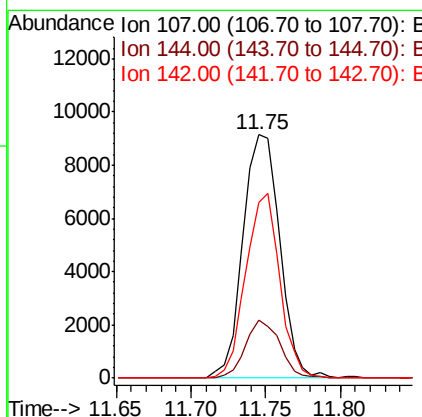
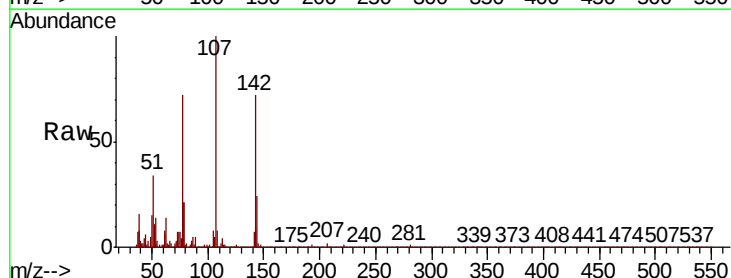
Instrument :
BNA_P
ClientSampled :

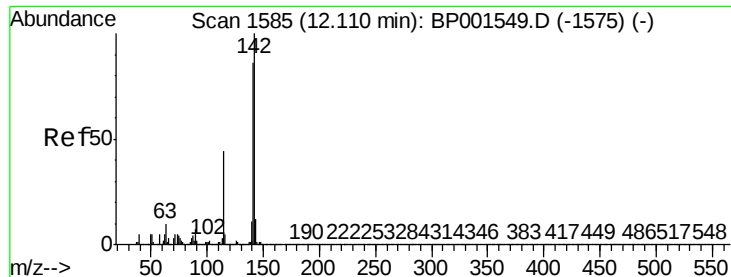
Tot Ion:113 Resp: 4663
Ion Ratio Lower Upper
113 100
55 171.7 202.7 242.7#
56 143.9 140.0 180.0



#36
4-Chloro-3-methylphenol
Concen: 12.154 ng
RT: 11.75 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:107 Resp: 15564
Ion Ratio Lower Upper
107 100
144 24.0 18.9 28.3
142 72.3 58.0 87.0

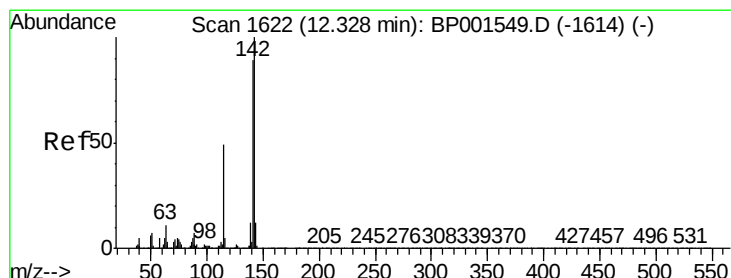
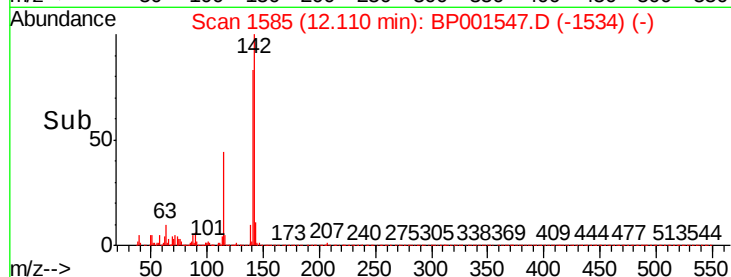
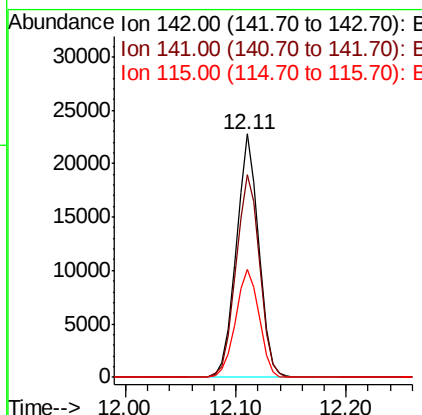
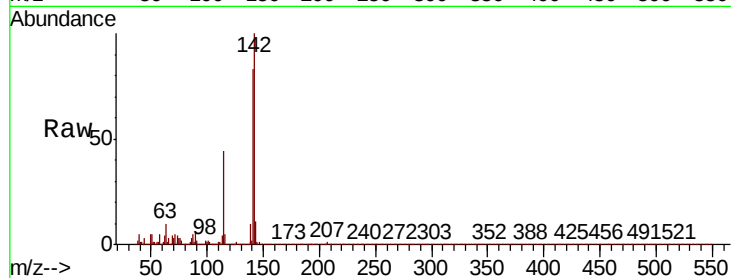




#37
2-Methylnaphthalene
Concen: 12.281 ng
RT: 12.11 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

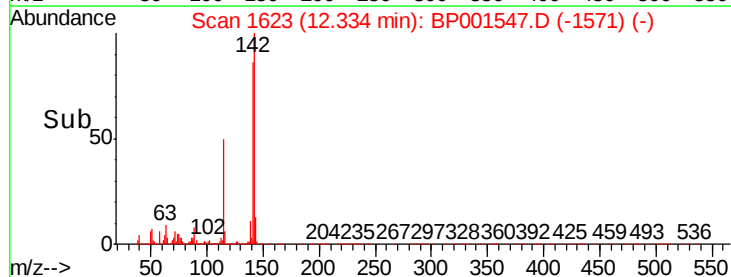
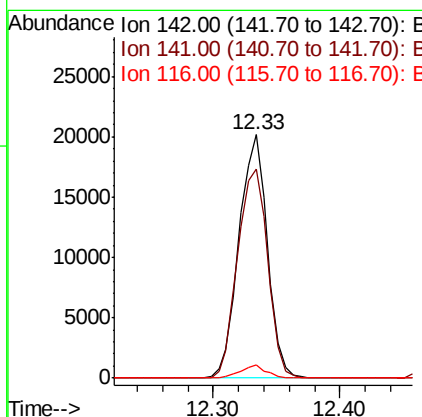
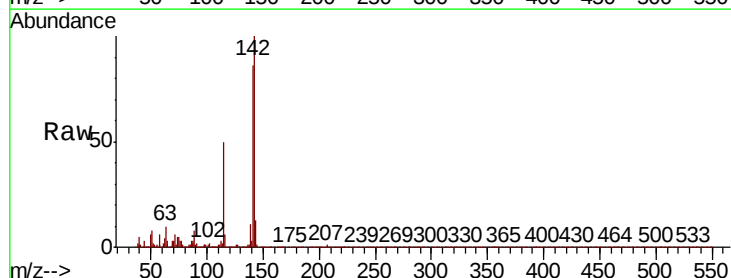
Instrument :
BNA_P
ClientSampleId :

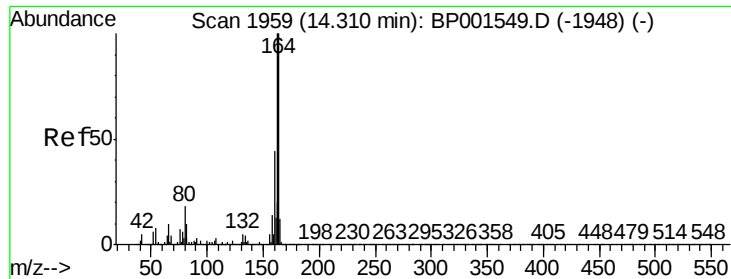
Tot Ion:142 Resp: 32578
Ion Ratio Lower Upper
142 100
141 83.0 68.4 102.6
115 44.4 35.1 52.7



#38
1-Methylnaphthalene
Concen: 12.462 ng
RT: 12.33 min Scan# 1623
Delta R.T. 0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:142 Resp: 31274
Ion Ratio Lower Upper
142 100
141 86.0 70.9 106.3
116 5.6 4.1 6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

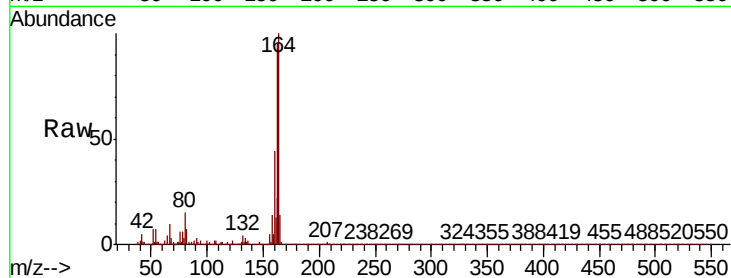
Instrument :

BNA_P

ClientSampled :

Tot Ion:164 Resp: 61898

Ion	Ratio	Lower	Upper
164	100		
162	94.9	79.8	119.6
160	43.9	35.0	52.6

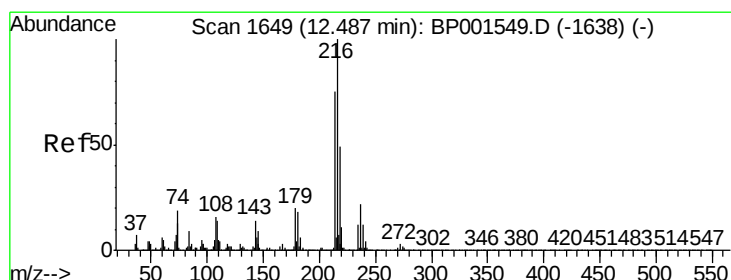
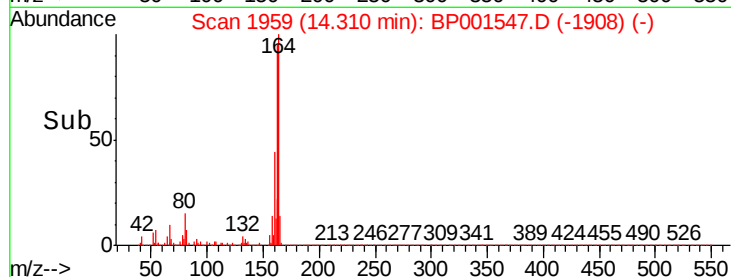
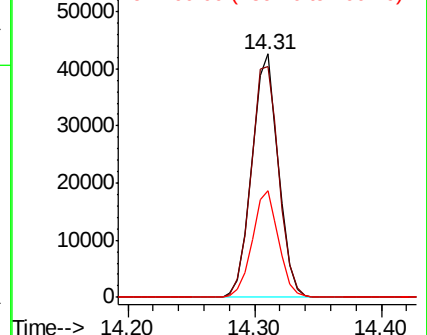


Abundance

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: 11.194 ng

RT: 12.49 min Scan# 1649

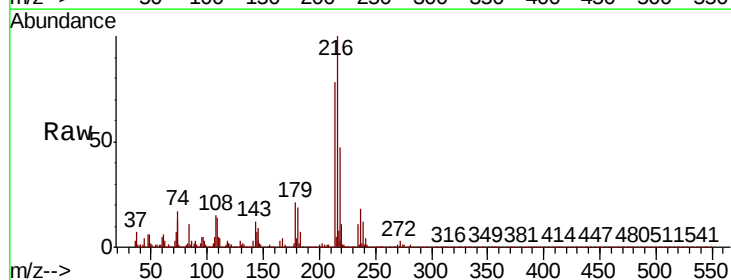
Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Tgt Ion:216 Resp: 23133

Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.3	91.9
179	19.9	15.7	23.5
108	17.8	14.2	21.4



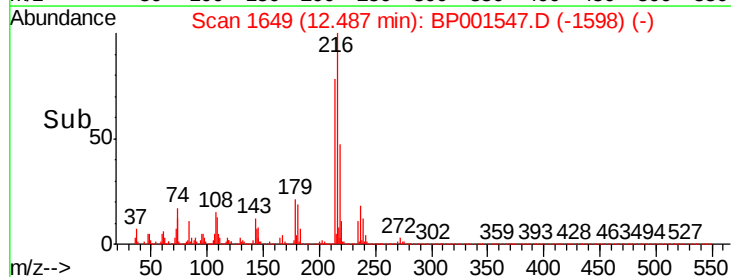
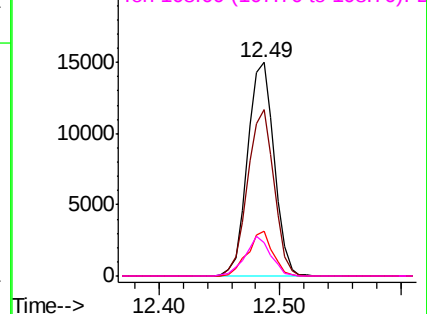
Abundance

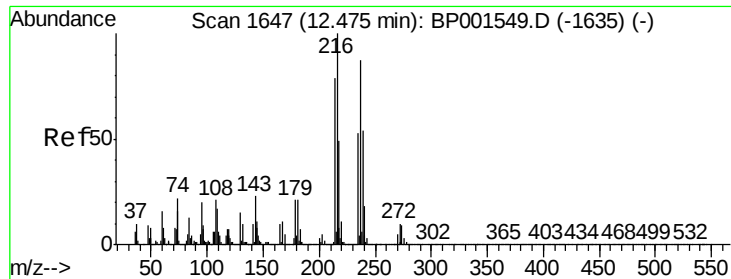
Ion 216.00 (215.70 to 216.70): E

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

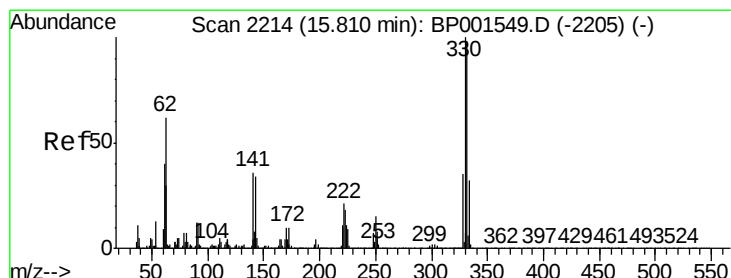
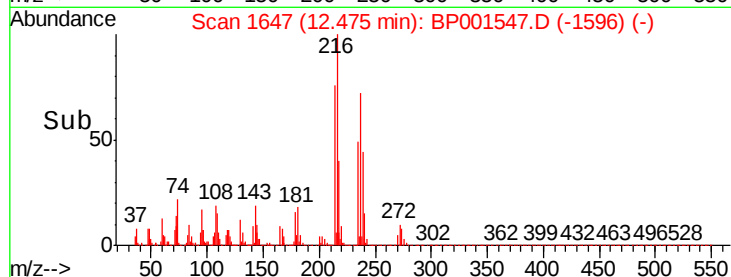
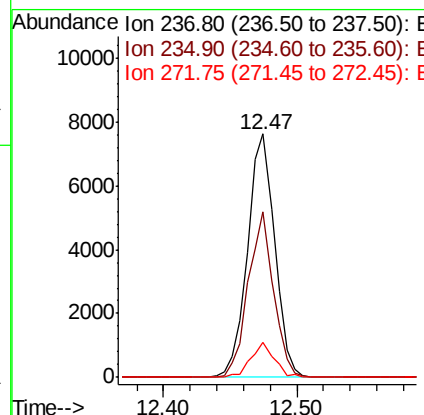
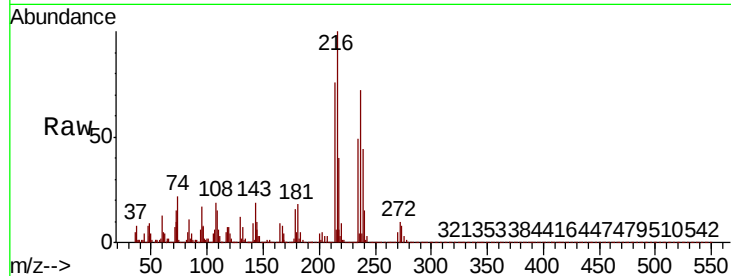




#41
Hexachlorocyclopentadiene
Concen: 9.977 ng
RT: 12.47 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

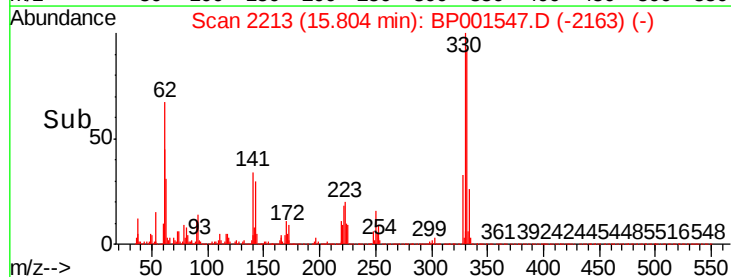
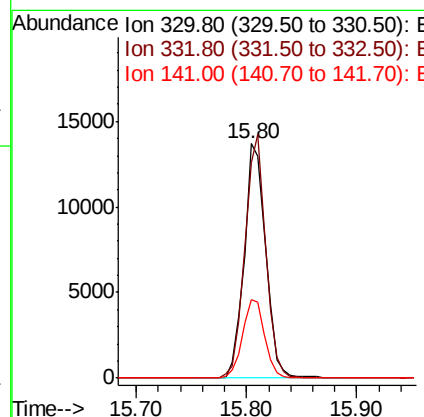
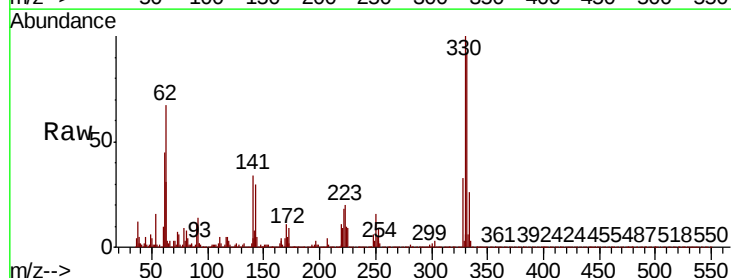
Instrument :
BNA_P
ClientSampleId :

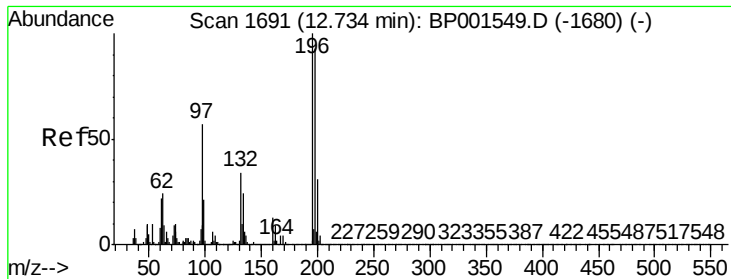
Tot Ion:237 Resp: 10643
Ion Ratio Lower Upper
237 100
235 67.9 41.6 81.6
272 14.5 0.0 31.2



#42
2,4,6-Tribromophenol
Concen: 26.992 ng
RT: 15.80 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:330 Resp: 18909
Ion Ratio Lower Upper
330 100
332 99.9 77.8 116.6
141 34.4 28.7 43.1

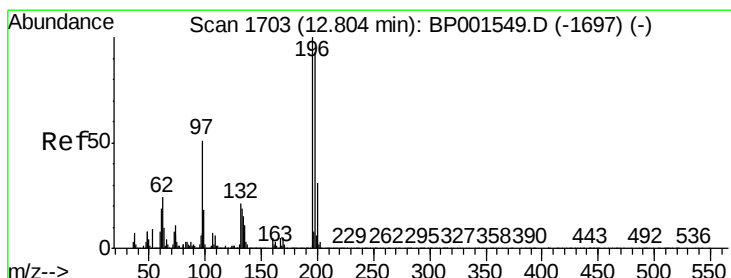
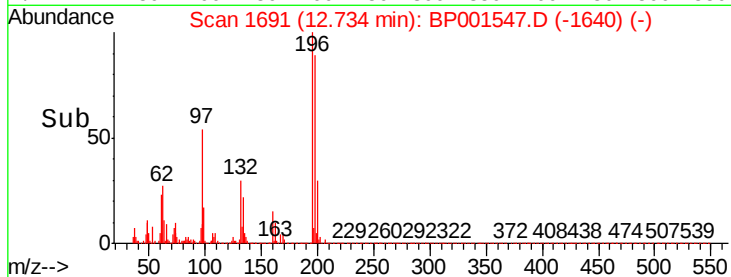
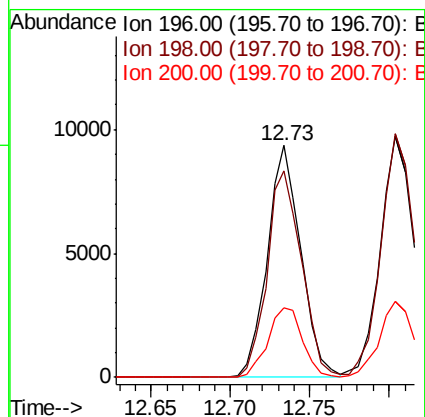
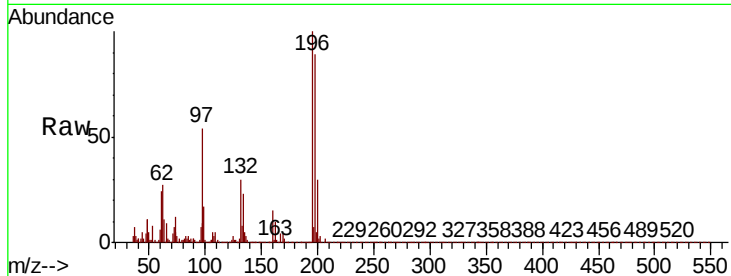




#43
2,4,6-Trichlorophenol
Concen: 10.693 ng
RT: 12.73 min Scan# 1691
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

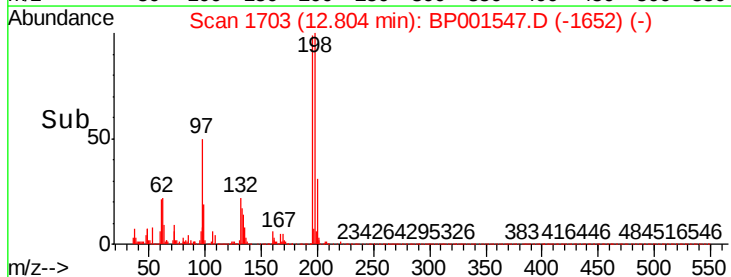
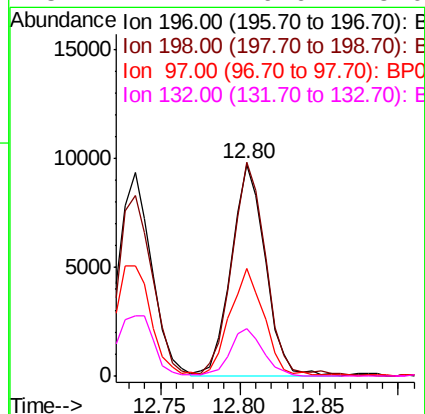
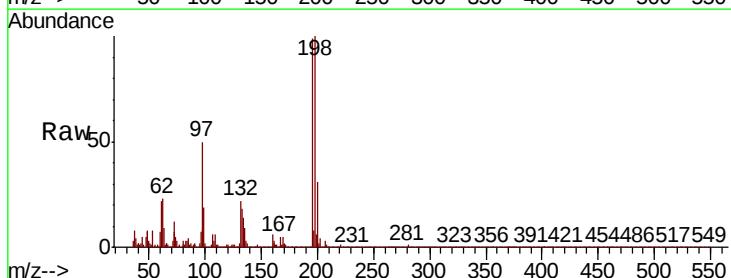
Instrument :
BNA_P
ClientSampled :

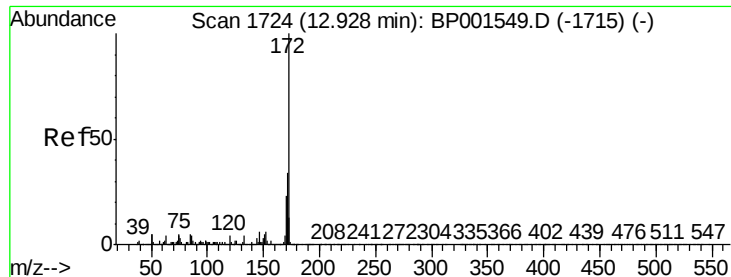
Tot Ion:196 Resp: 13834
Ion Ratio Lower Upper
196 100
198 88.8 74.2 111.4
200 30.2 24.6 37.0



#44
2,4,5-Trichlorophenol
Concen: 10.804 ng
RT: 12.80 min Scan# 1703
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:196 Resp: 14538
Ion Ratio Lower Upper
196 100
198 101.0 74.6 111.8
97 50.7 41.0 61.6
132 22.2 16.6 25.0

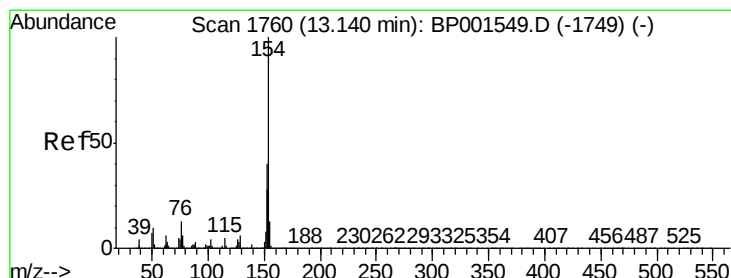
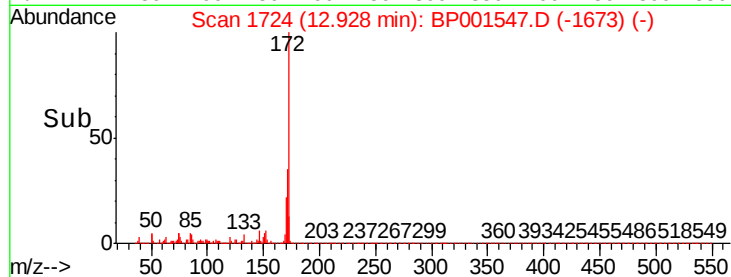
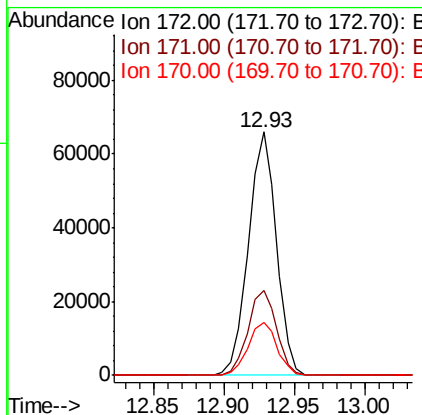
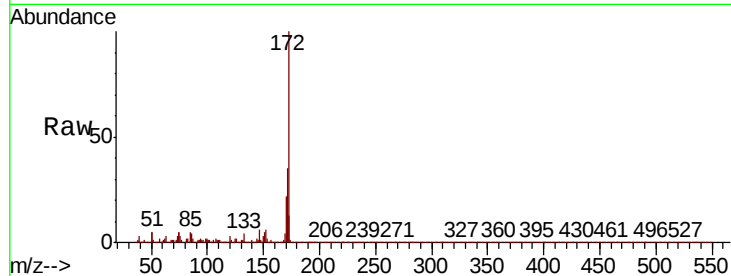




#45
2-Fluorobiphenyl
Concen: 21.805 ng
RT: 12.93 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

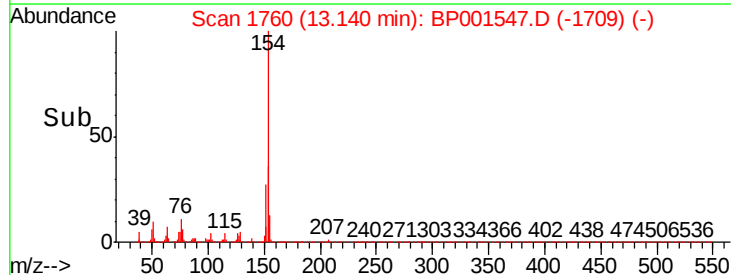
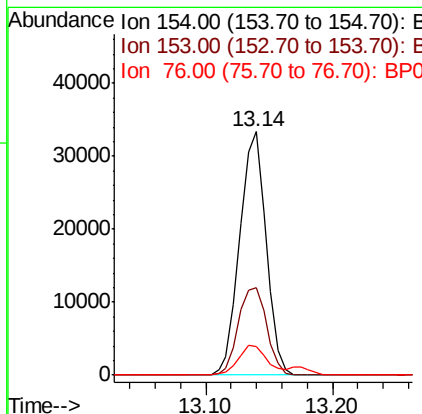
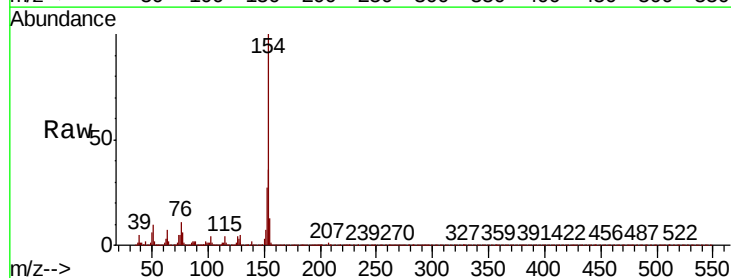
Instrument :
BNA_P
ClientSampleId :

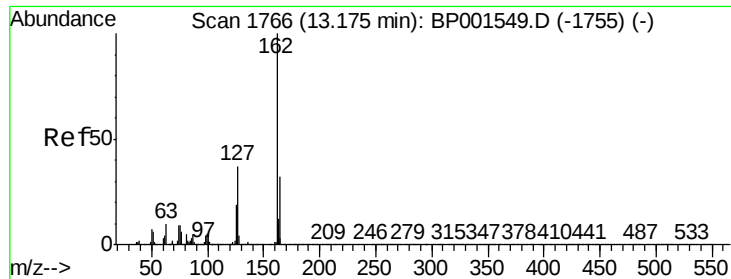
Tot Ion:172 Resp: 91791
Ion Ratio Lower Upper
172 100
171 34.8 27.6 41.4
170 21.9 18.3 27.5



#46
1,1'-Biphenyl
Concen: 10.238 ng
RT: 13.14 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:154 Resp: 47896
Ion Ratio Lower Upper
154 100
153 35.8 19.5 59.5
76 11.5 0.0 33.1

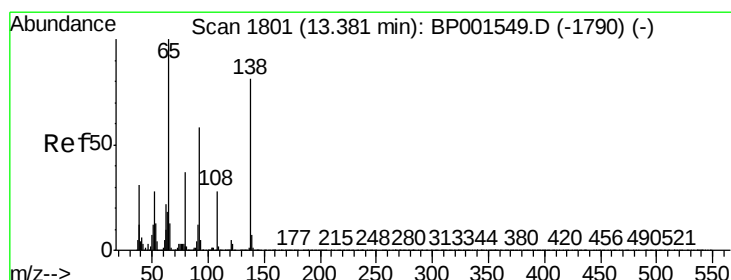
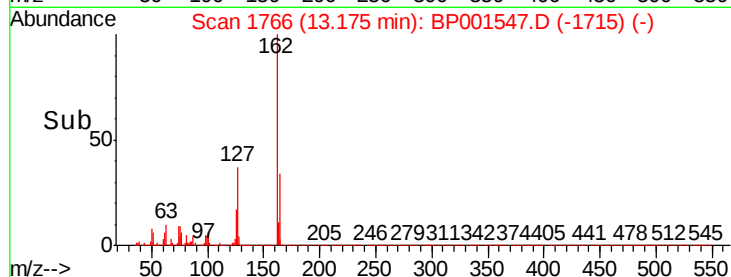
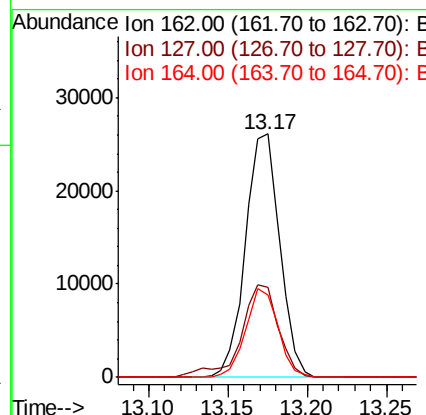
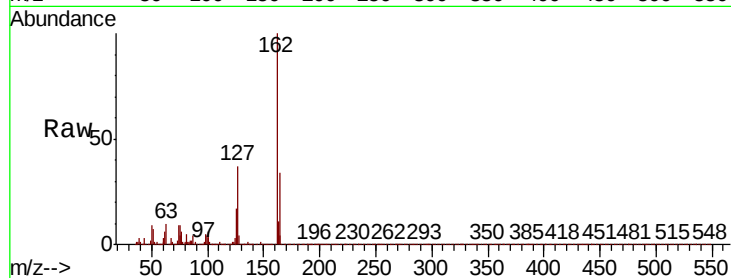




#47
2-Chloronaphthalene
Concen: 10.239 ng
RT: 13.17 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

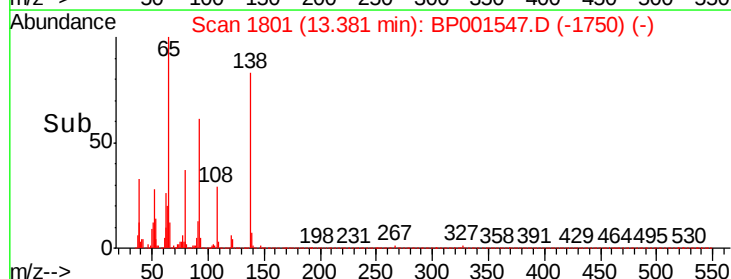
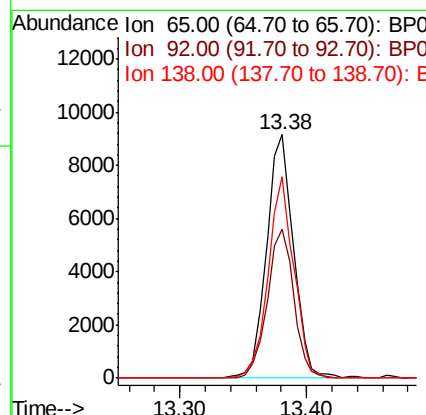
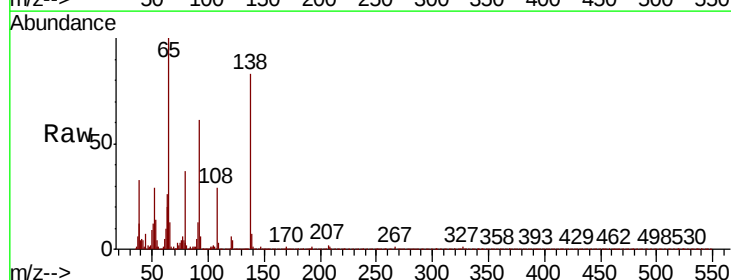
Instrument :
BNA_P
ClientSampleId :

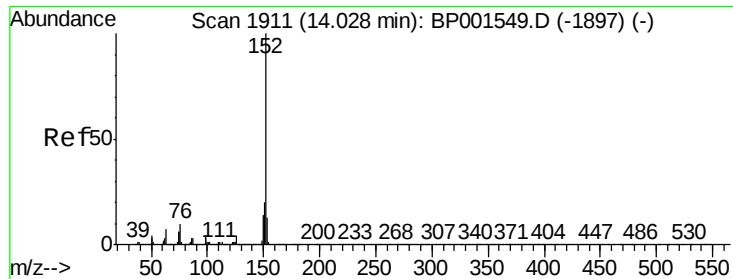
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.9	44.9
164	34.0	26.0	39.0



#48
2-Nitroaniline
Concen: 12.025 ng
RT: 13.38 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.2	46.2	69.2
138	82.7	64.7	97.1





#49

Acenaphthylene

Concen: 9.939 ng

RT: 14.03 min Scan# 1911

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

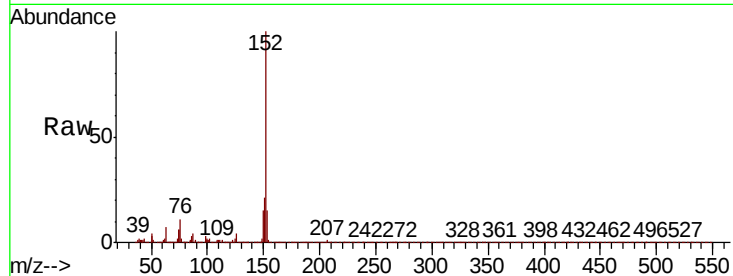
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 57919

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	14.7	10.4	15.6

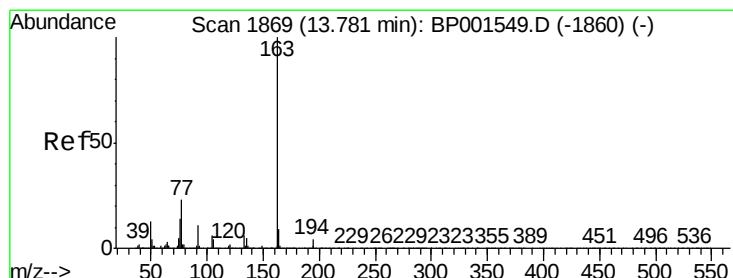
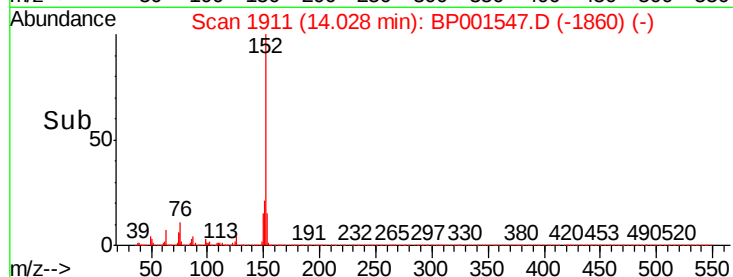
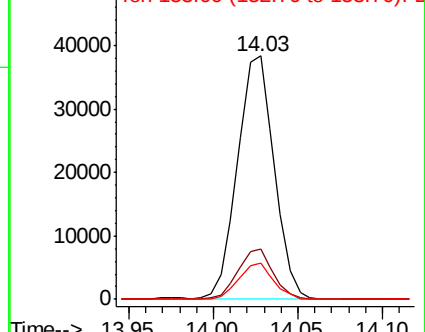


Abundance

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: 11.481 ng

RT: 13.78 min Scan# 1869

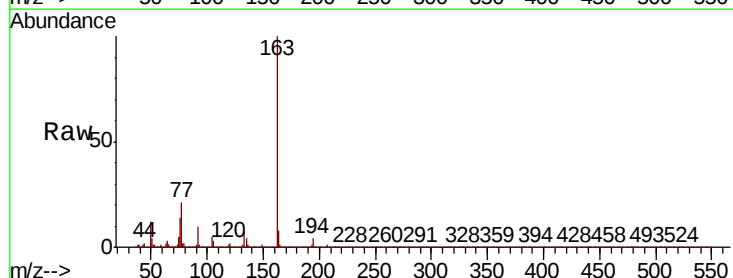
Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Tgt Ion:163 Resp: 55550

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	8.2	7.5	11.3

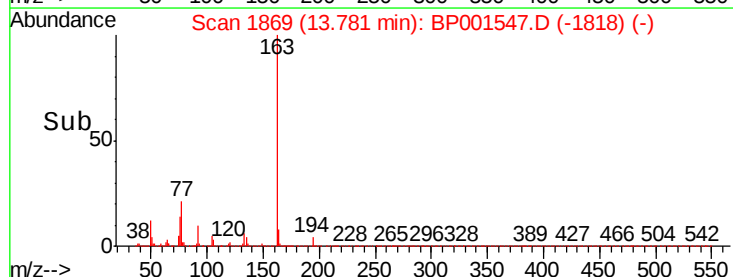
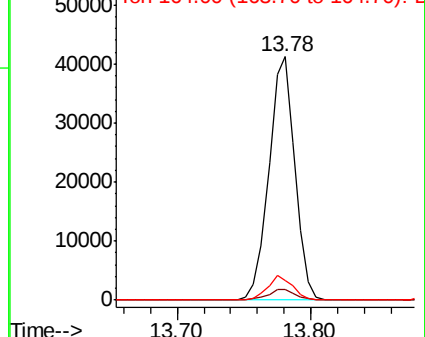


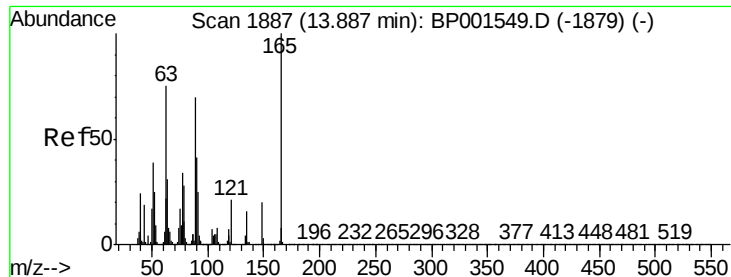
Abundance

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

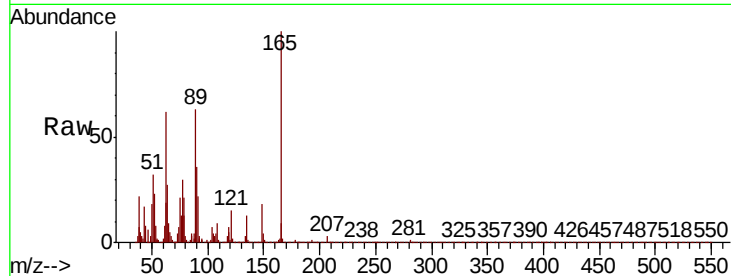




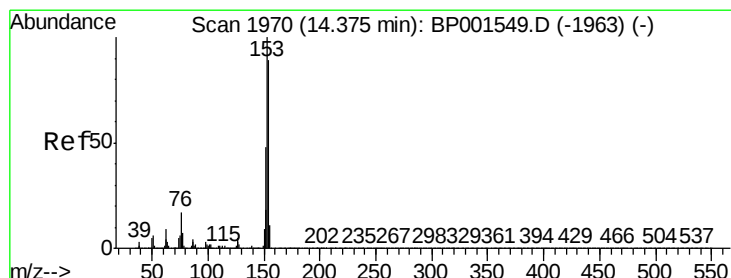
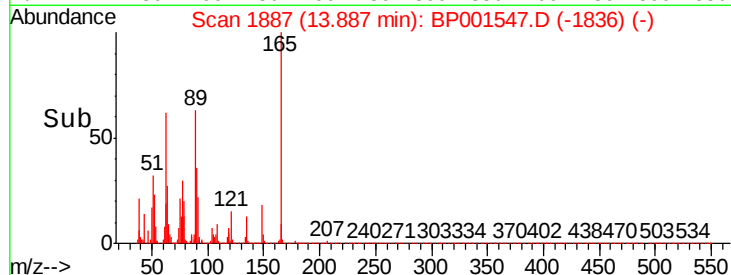
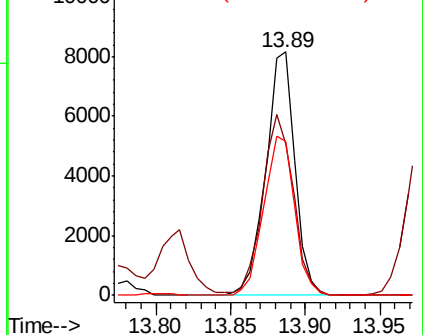
#51
2,6-Dinitrotoluene
Concen: 11.588 ng
RT: 13.89 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 11027
Ion Ratio Lower Upper
165 100
63 62.3 60.9 91.3
89 63.2 55.7 83.5

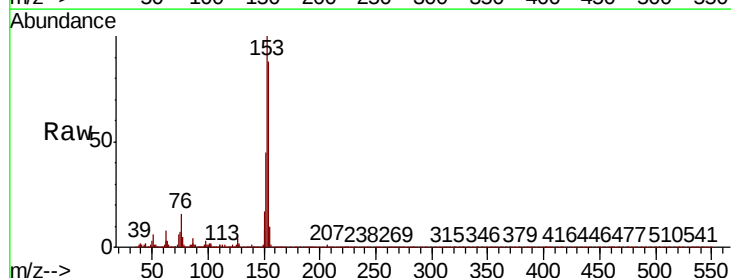


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

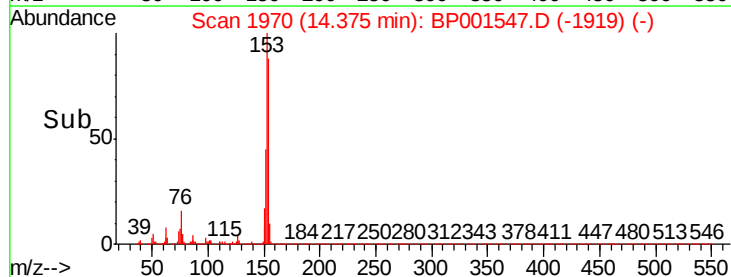
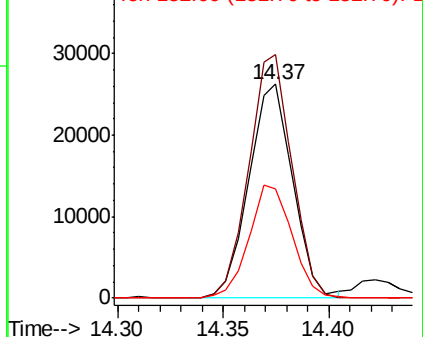


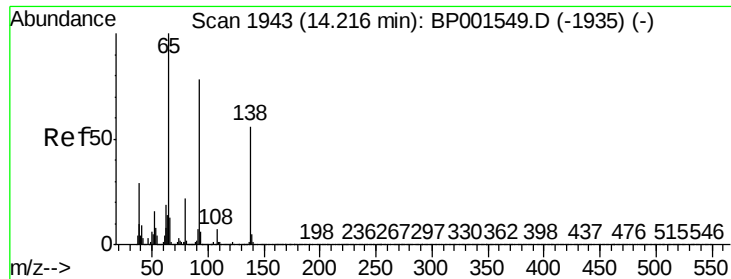
#52
Acenaphthene
Concen: 10.403 ng
RT: 14.37 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:154 Resp: 38046
Ion Ratio Lower Upper
154 100
153 113.7 89.4 134.2
152 51.2 42.6 64.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

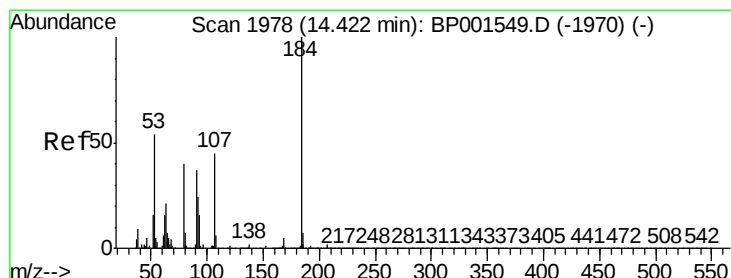
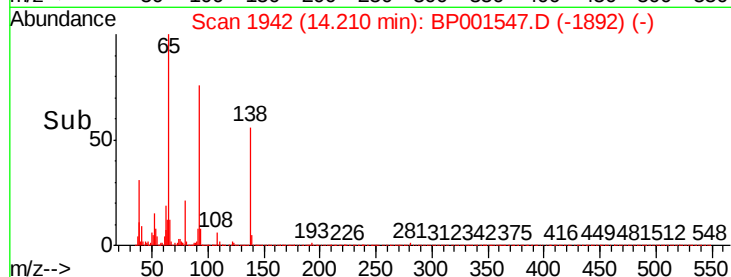
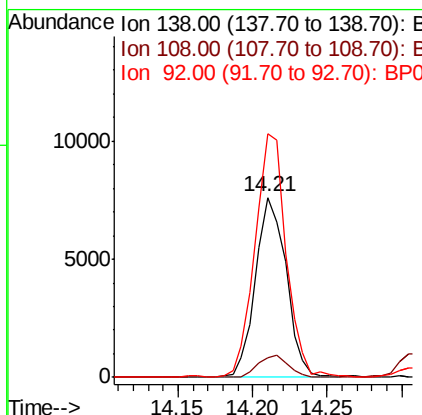
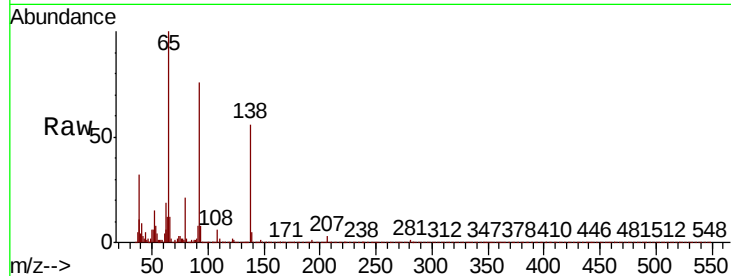




#53
3-Nitroaniline
Concen: 10.137 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

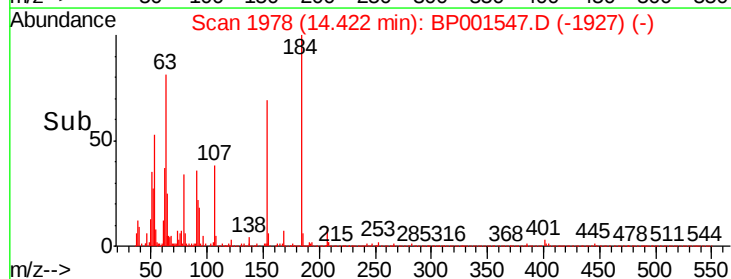
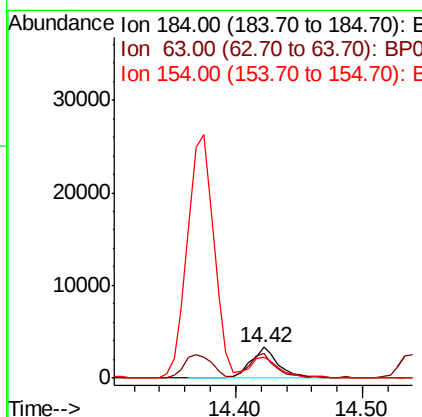
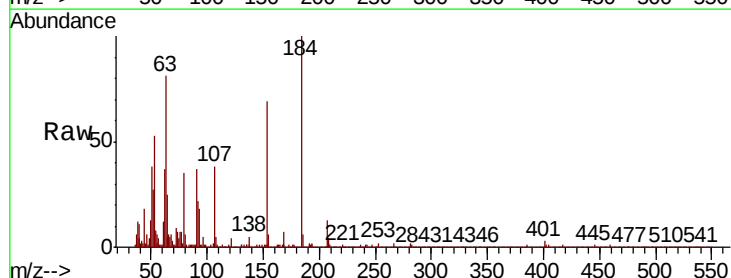
Instrument :
BNA_P
ClientSampled :

Tot Ion:138 Resp: 10879
Ion Ratio Lower Upper
138 100
108 10.6 9.9 14.9
92 135.1 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 14.541 ng
RT: 14.42 min Scan# 1978
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:184 Resp: 5055
Ion Ratio Lower Upper
184 100
63 80.8 59.7 89.5
154 68.9 53.9 80.9





#55

Dibenzofuran

Concen: 11.243 ng

RT: 14.71 min Scan# 2027

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

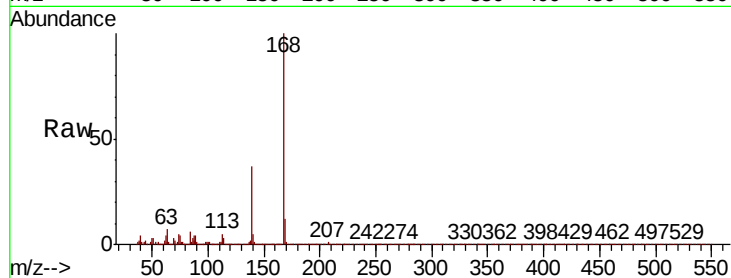
Tot Ion:168 Resp: 62983

Ion Ratio Lower Upper

168 100

139 36.9 30.2 45.4

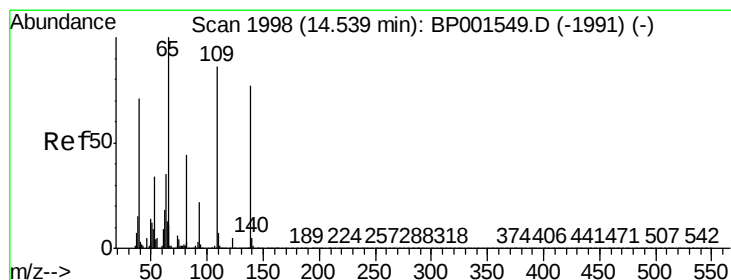
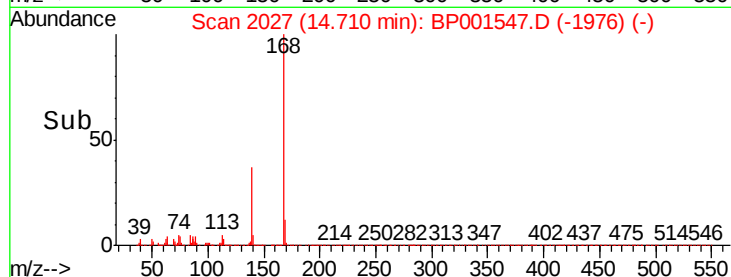
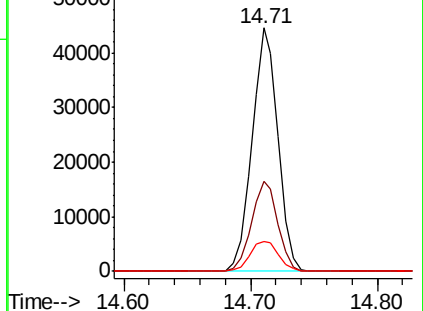
169 12.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 10.190 ng

RT: 14.54 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

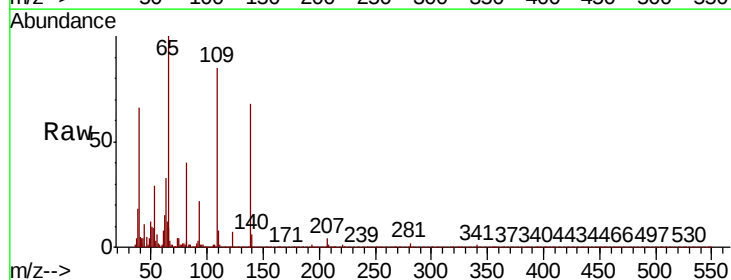
Tgt Ion:139 Resp: 8178

Ion Ratio Lower Upper

139 100

109 124.8 92.7 132.7

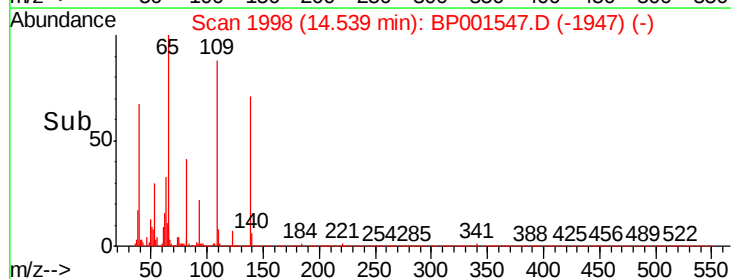
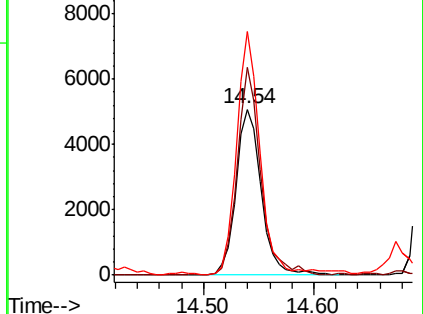
65 146.5 111.1 151.1

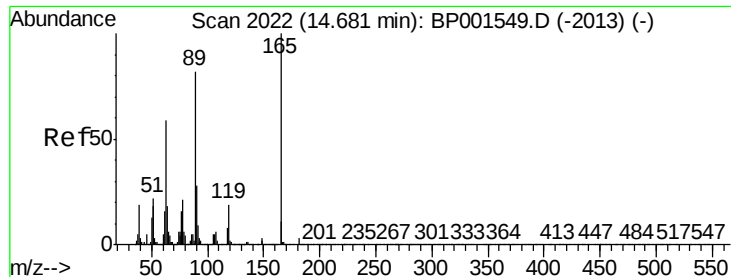


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

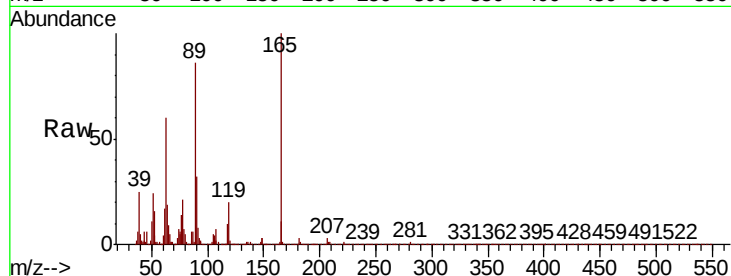




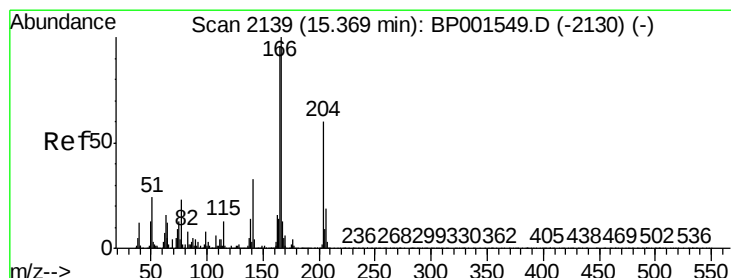
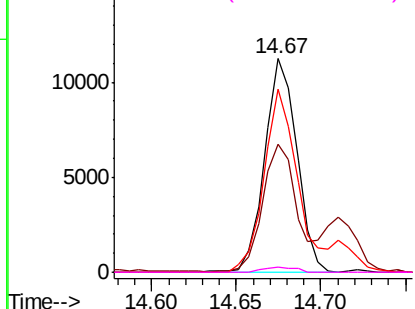
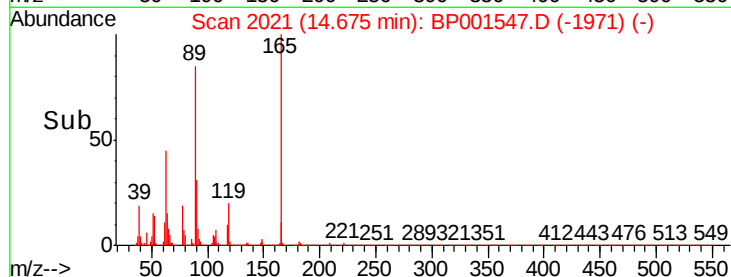
#57
 2,4-Dinitrotoluene
 Concen: 11.586 ng
 RT: 14.67 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:165 Resp: 14864
 Ion Ratio Lower Upper
 165 100
 63 59.9 47.3 70.9
 89 85.9 65.4 98.0
 182 2.5 2.5 3.7

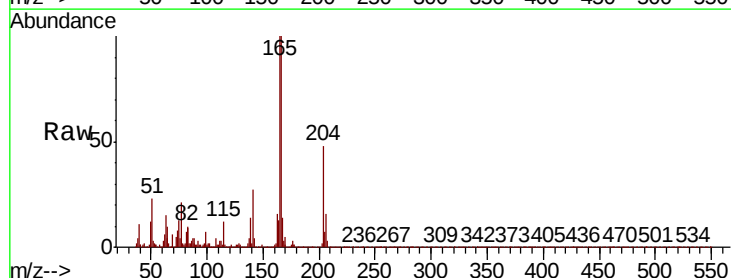


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BP0
 Ion 89.00 (88.70 to 89.70): BP0
 Ion 182.00 (181.70 to 182.70): E

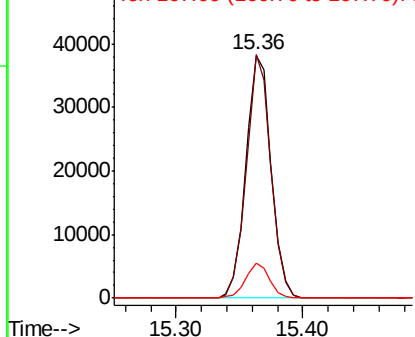
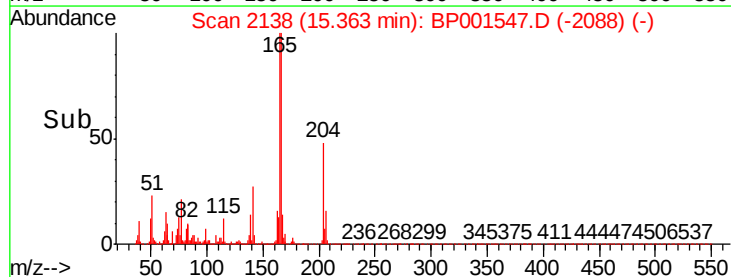


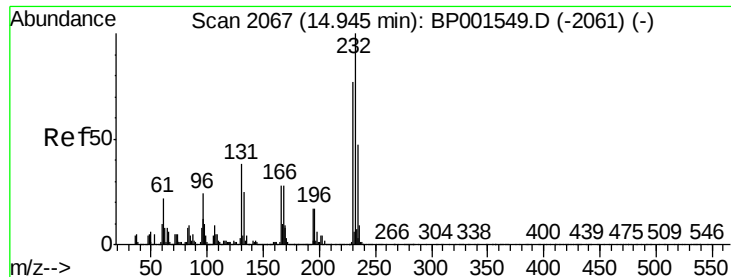
#58
 Fluorene
 Concen: 12.366 ng
 RT: 15.36 min Scan# 2138
 Delta R.T. -0.01 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Tgt Ion:166 Resp: 52769
 Ion Ratio Lower Upper
 166 100
 165 100.2 76.9 115.3
 167 14.2 10.3 15.5



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





#59

2,3,4,6-Tetrachlorophenol

Concen: 12.306 ng

RT: 14.86 min Scan# 2053

Delta R.T. -0.08 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

Tot Ion:232 Resp: 14453

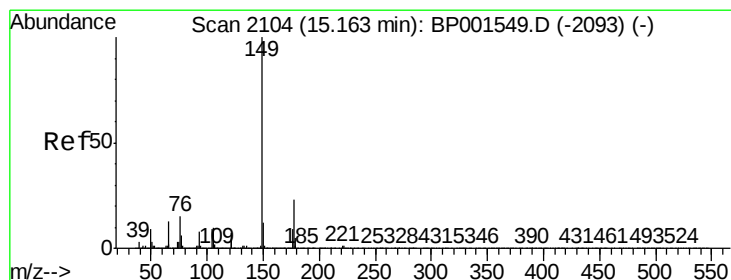
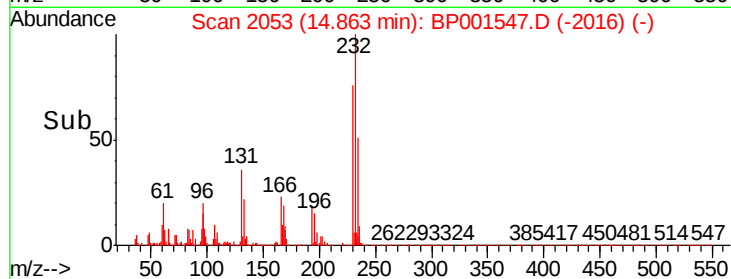
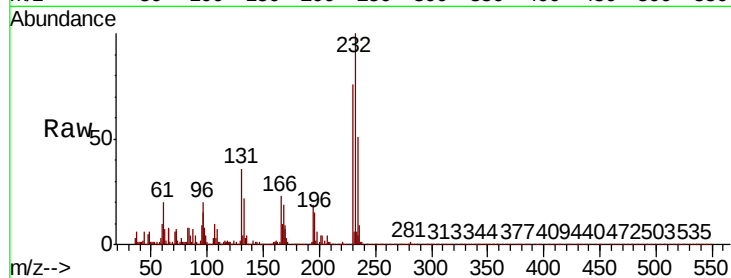
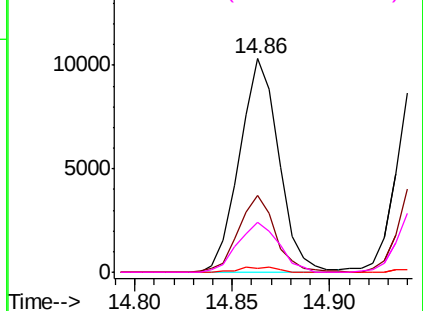
Ion	Ratio	Lower	Upper
232	100		
131	33.8	31.3	46.9
130	2.4	2.0	3.0
166	24.3	22.6	33.8

Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 10.998 ng

RT: 15.16 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

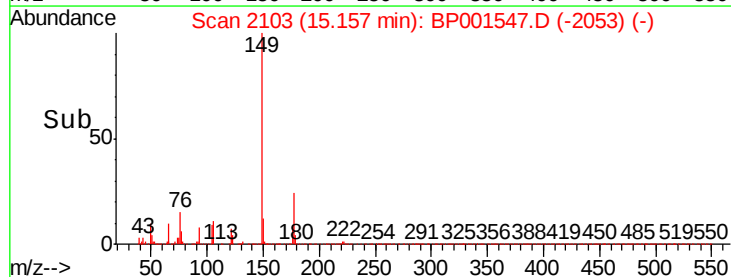
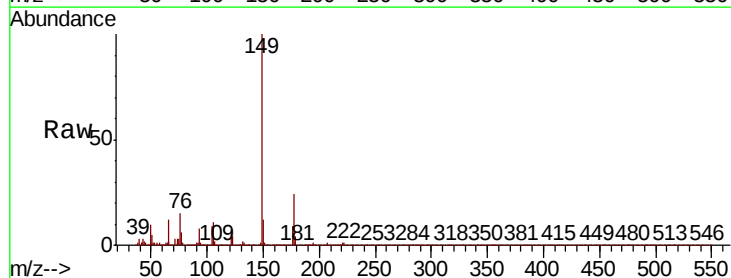
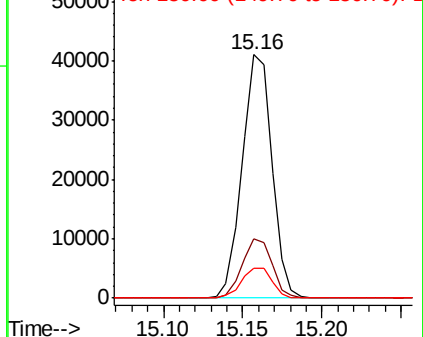
Tgt Ion:149 Resp: 53566

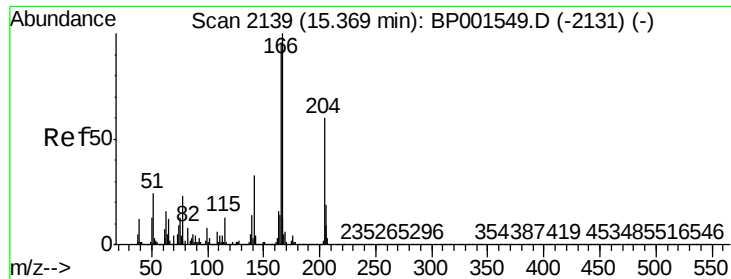
Ion	Ratio	Lower	Upper
149	100		
177	24.3	18.4	27.6
150	12.4	10.0	15.0

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

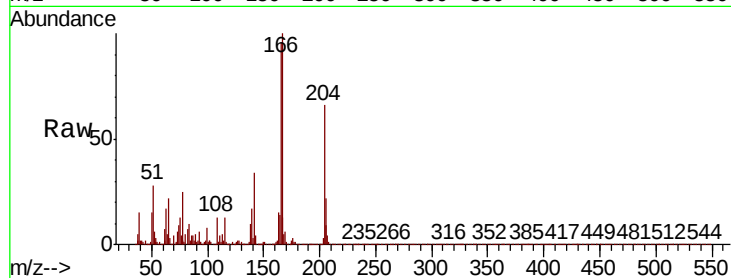




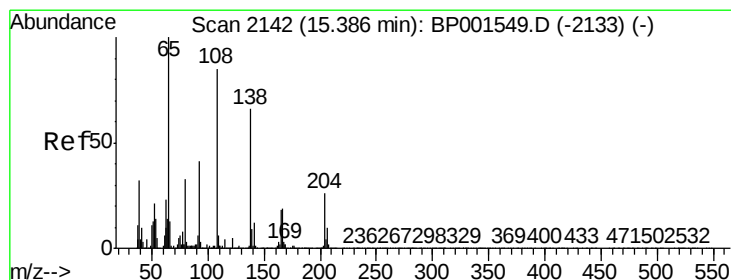
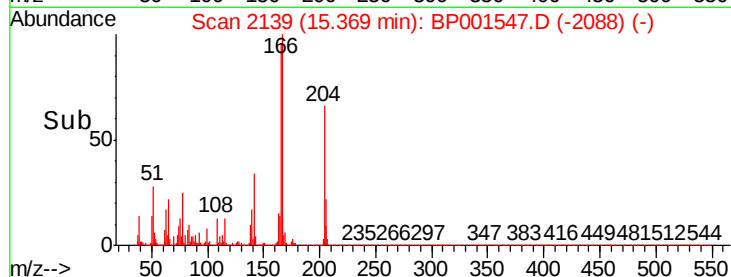
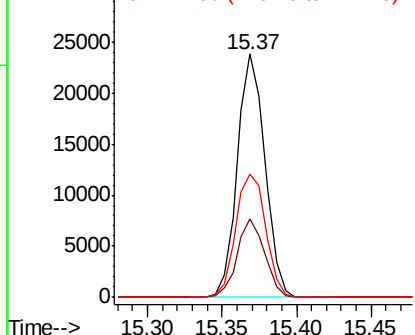
#61
4-Chlorophenyl-phenylether
Concen: 13.341 ng
RT: 15.37 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion:204 Resp: 30705
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 50.9 43.8 65.6

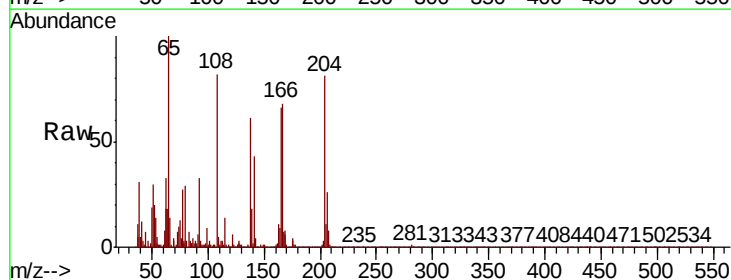


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

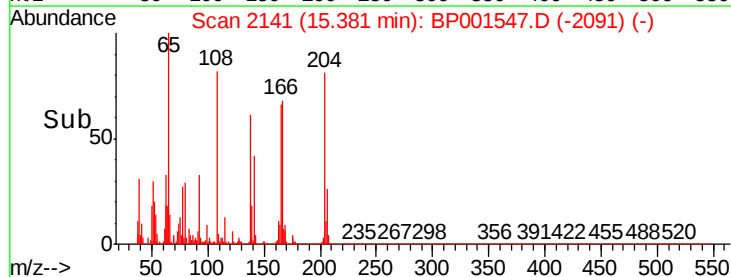
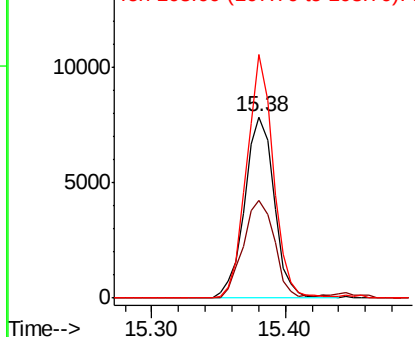


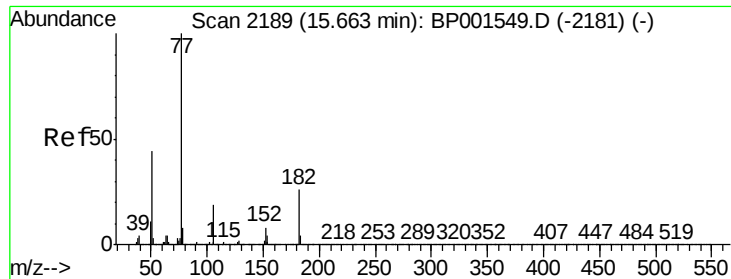
#62
4-Nitroaniline
Concen: 11.121 ng
RT: 15.38 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:138 Resp: 11980
Ion Ratio Lower Upper
138 100
92 53.7 42.7 82.7
108 134.6 108.6 148.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BP0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 11.422 ng

RT: 15.66 min Scan# 2189

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

Tot Ion: 77 Resp: 53740

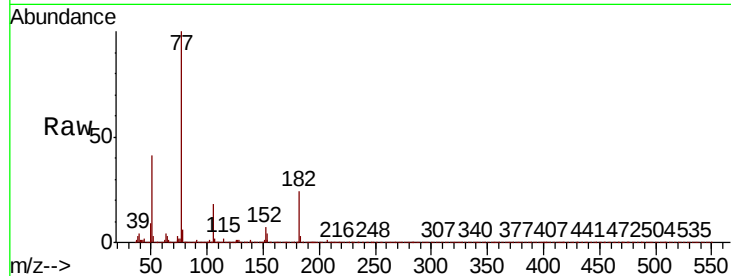
Ion Ratio Lower Upper

77 100

182 24.4 5.8 45.8

105 18.3 0.0 39.3

51 40.8 23.6 63.6

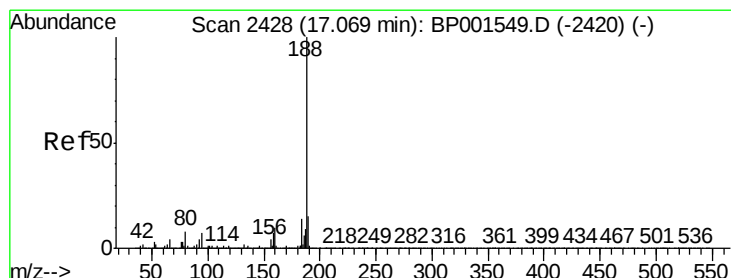
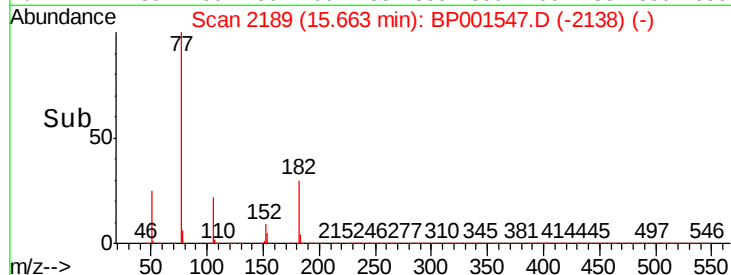
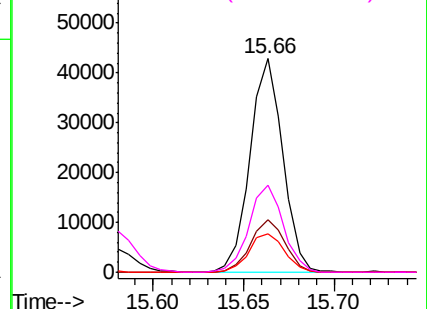


Abundance Ion 77.00 (76.70 to 77.70): BP0

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: BP001547.D

Acq: 08 Jan 2020 10:33

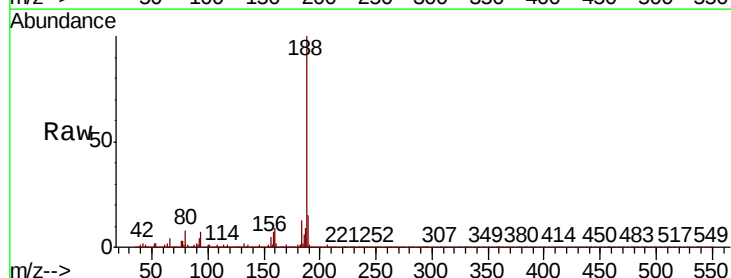
Tgt Ion: 188 Resp: 160371

Ion Ratio Lower Upper

188 100

94 6.9 5.9 8.9

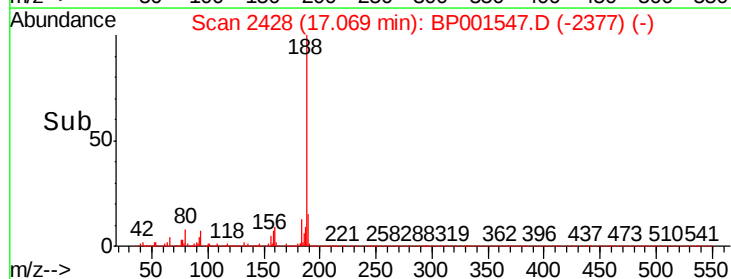
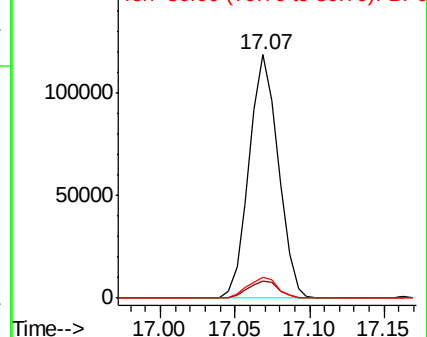
80 8.3 6.8 10.2

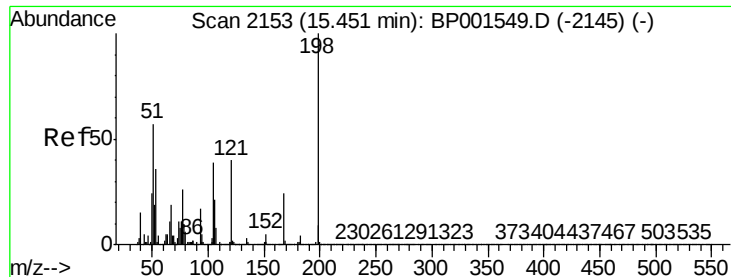


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.143 ng

RT: 15.45 min Scan# 2152

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

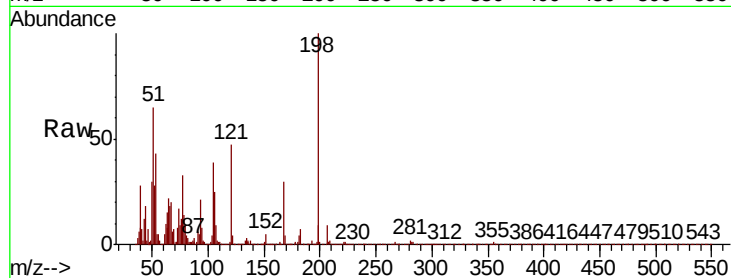
Tot Ion:198 Resp: 7592

Ion Ratio Lower Upper

198 100

51 65.3 39.4 79.4

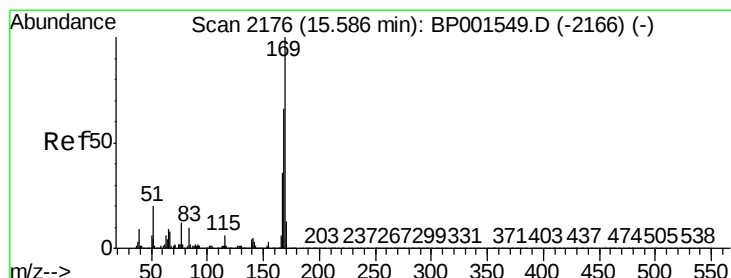
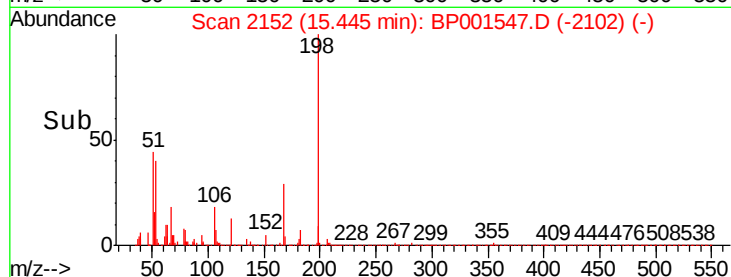
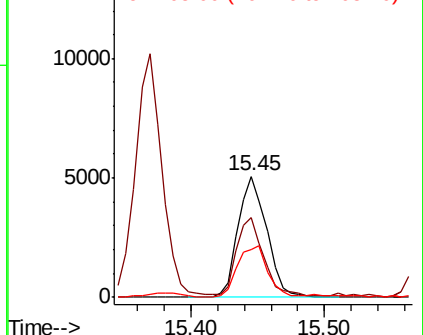
105 39.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.998 ng

RT: 15.58 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

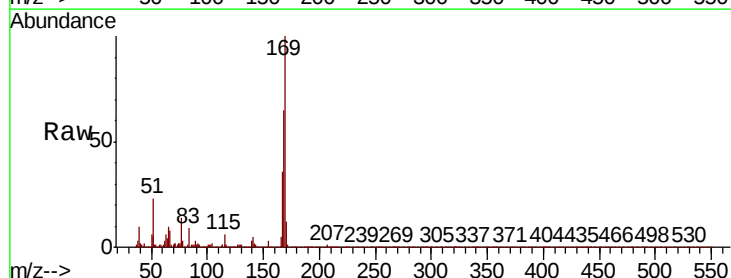
Tgt Ion:169 Resp: 46466

Ion Ratio Lower Upper

169 100

168 64.7 53.1 79.7

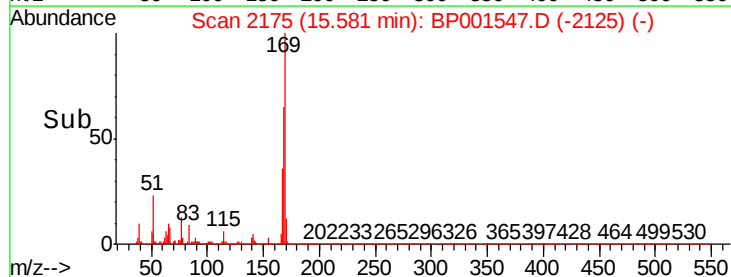
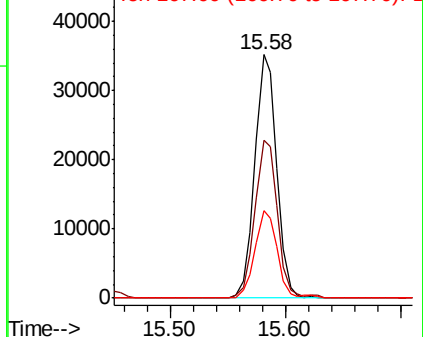
167 35.9 28.9 43.3

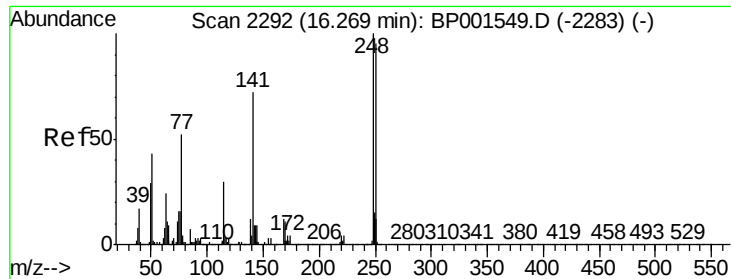


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

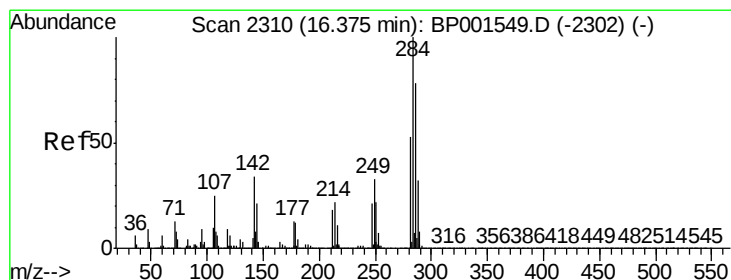
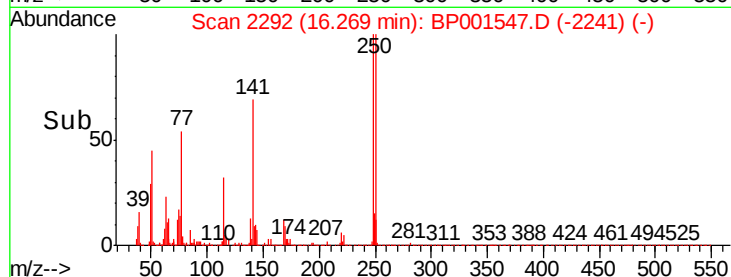
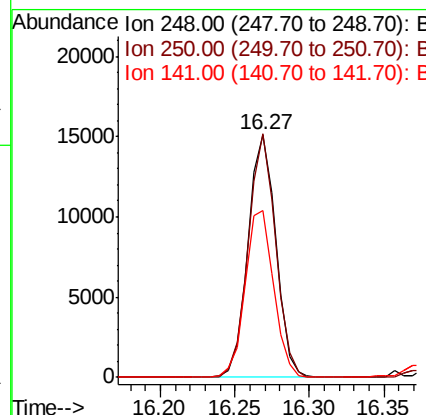
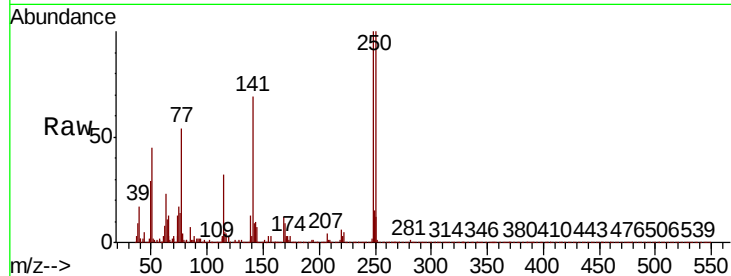




#67
4-Bromophenyl-phenylether
Concen: 10.950 ng
RT: 16.27 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

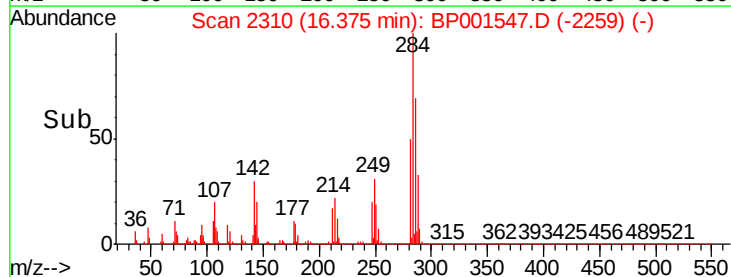
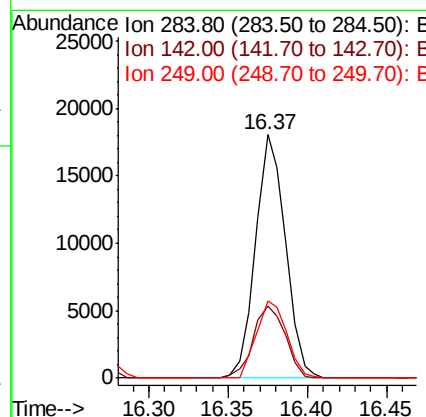
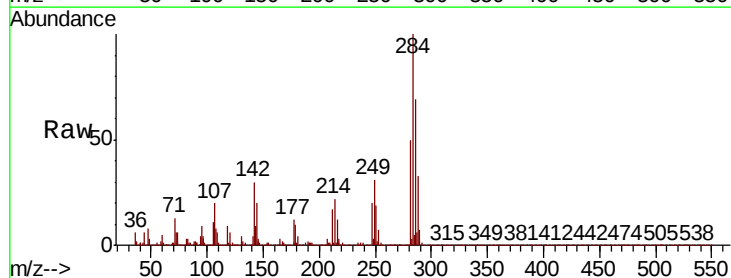
Instrument :
BNA_P
ClientSampleId :

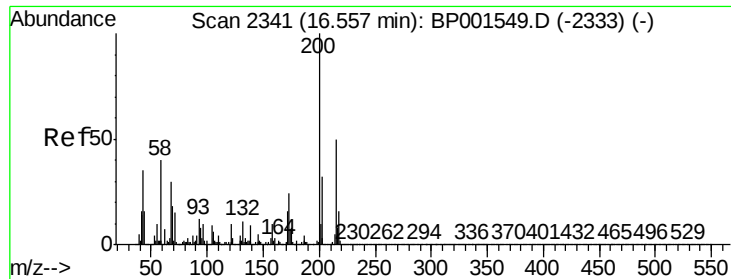
Tot Ion:248 Resp: 19448
Ion Ratio Lower Upper
248 100
250 100.2 76.0 114.0
141 68.8 57.8 86.8



#68
Hexachlorobenzene
Concen: 11.886 ng
RT: 16.37 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:284 Resp: 23748
Ion Ratio Lower Upper
284 100
142 29.6 27.4 41.2
249 31.5 26.8 40.2





#69

Atrazine

Concen: 10.780 ng

RT: 16.55 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

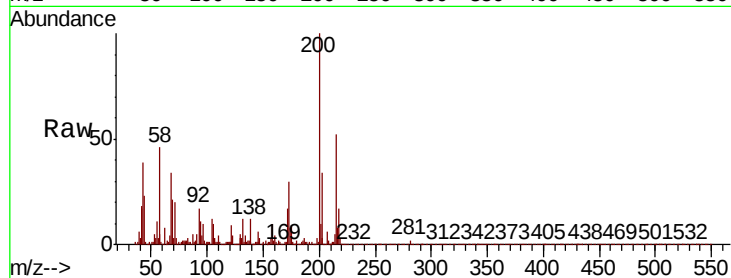
Tot Ion:200 Resp: 17754

Ion Ratio Lower Upper

200 100

173 29.6 3.5 43.5

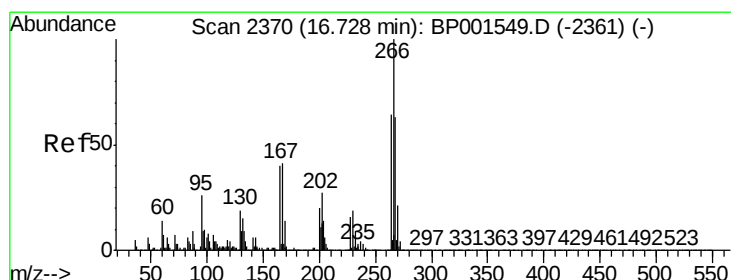
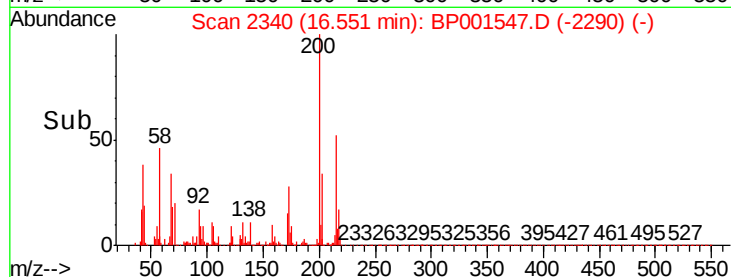
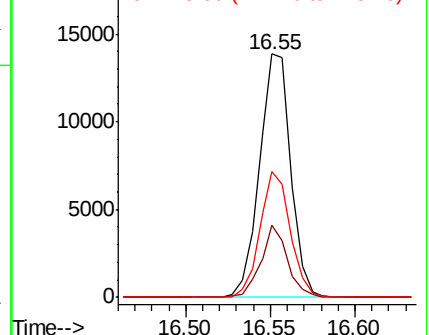
215 52.0 30.4 70.4



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: 10.924 ng

RT: 16.73 min Scan# 2370

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

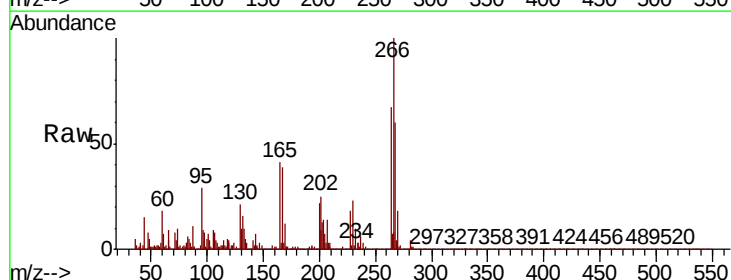
Tgt Ion:266 Resp: 11230

Ion Ratio Lower Upper

266 100

268 59.9 50.5 75.7

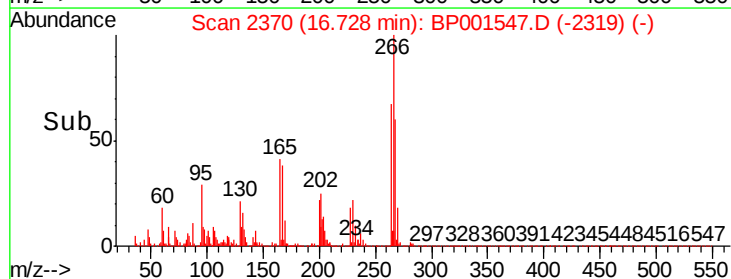
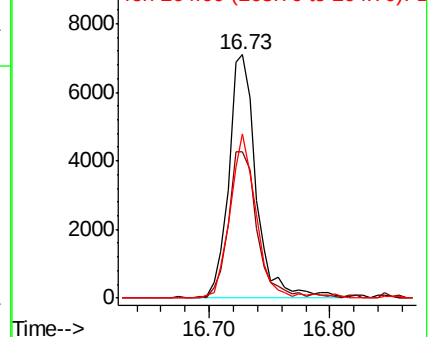
264 67.4 50.9 76.3

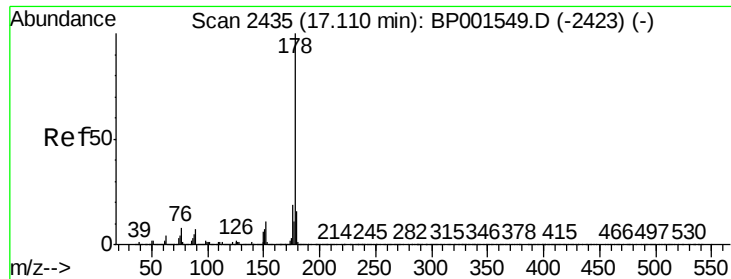


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

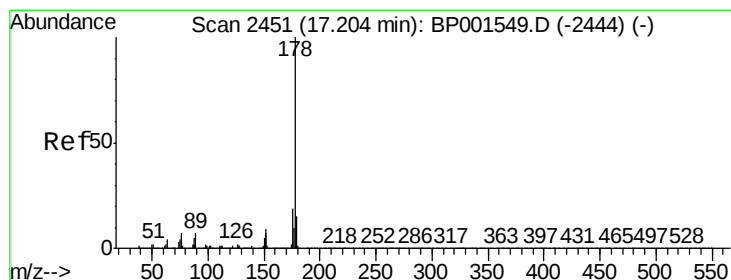
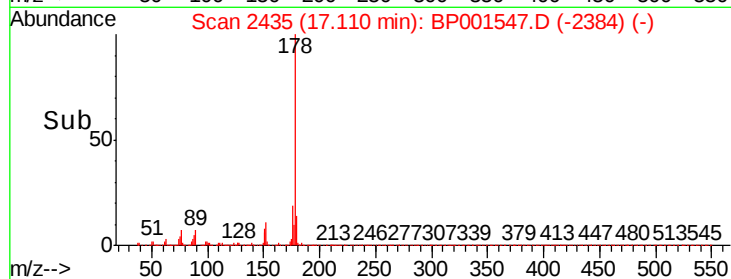
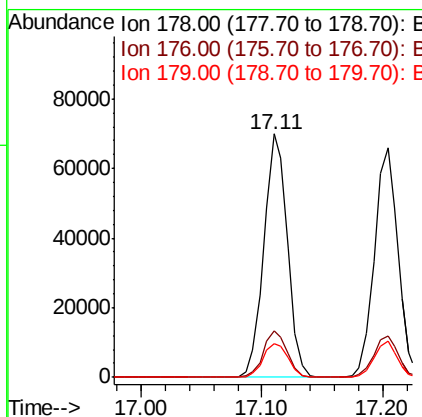
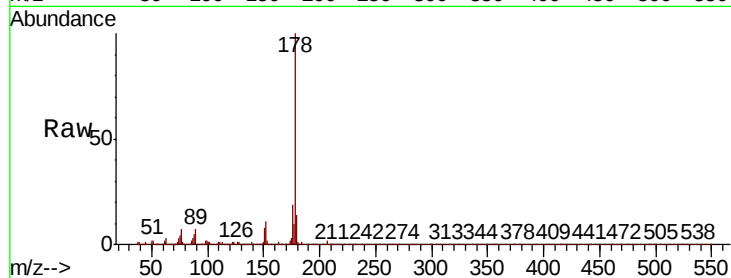




#71
Phenanthrene
Concen: 10.895 ng
RT: 17.11 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

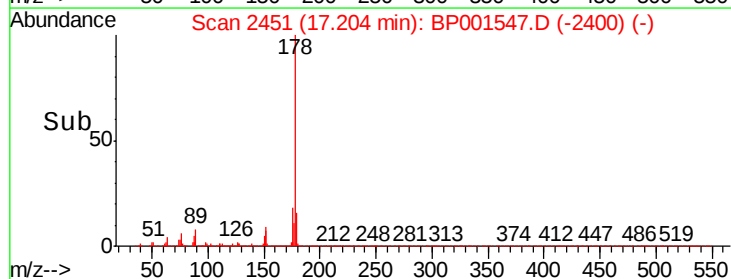
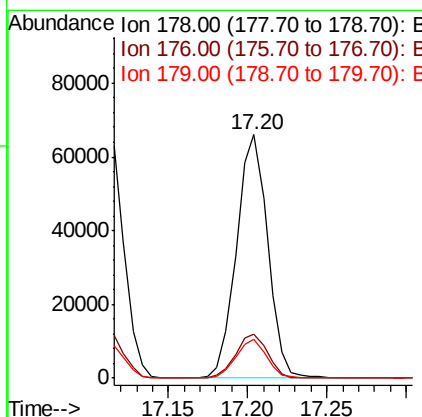
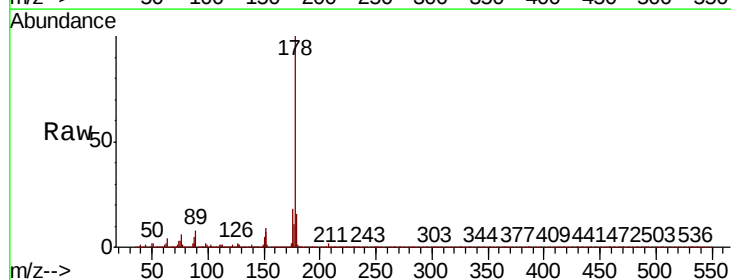
Instrument :
BNA_P
ClientSampleId :

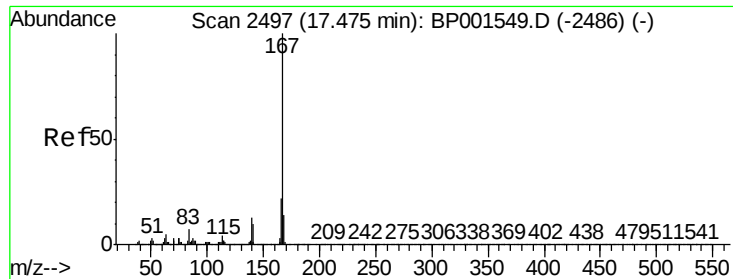
Tot Ion:178 Resp: 94767
Ion Ratio Lower Upper
178 100
176 19.2 14.9 22.3
179 14.0 12.5 18.7



#72
Anthracene
Concen: 10.453 ng
RT: 17.20 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:178 Resp: 90118
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.6
179 16.0 11.8 17.8

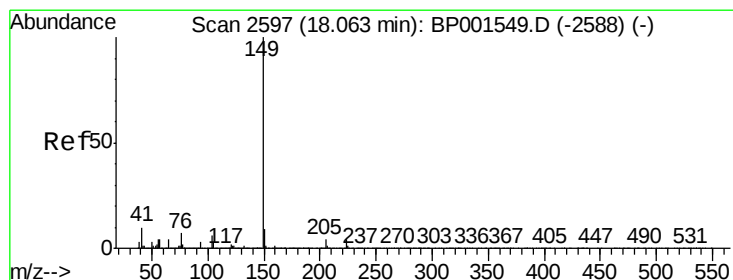
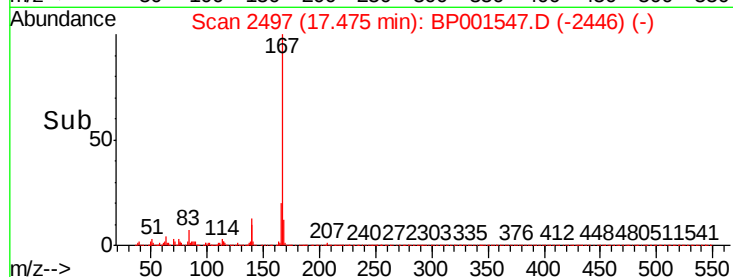
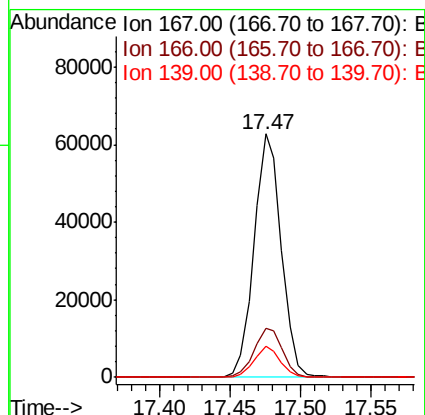
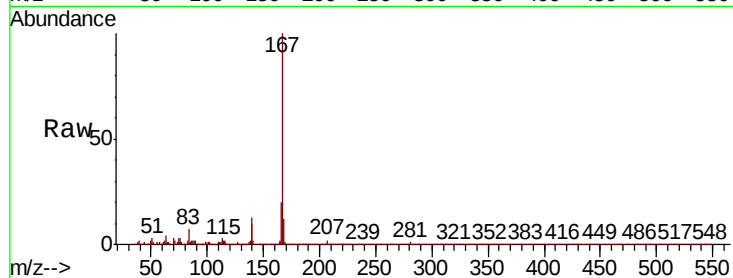




#73
 Carbazole
 Concen: 10.652 ng
 RT: 17.47 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

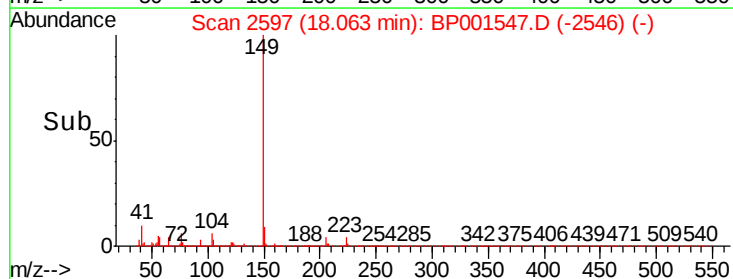
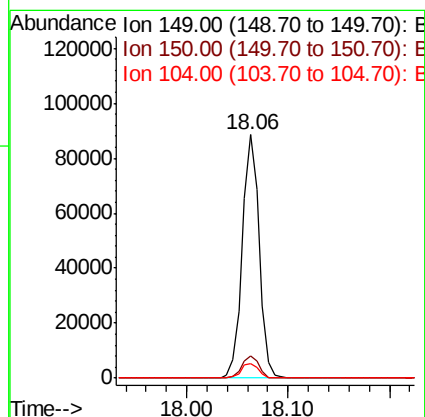
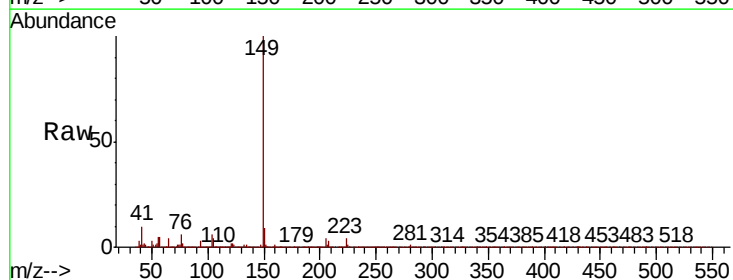
Instrument :
 BNA_P
 ClientSampleId :

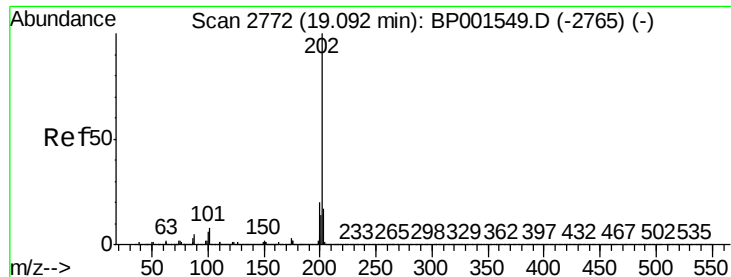
Tot Ion:167 Resp: 84971
 Ion Ratio Lower Upper
 167 100
 166 20.3 17.2 25.8
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 10.100 ng
 RT: 18.06 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BP001547.D
 Acq: 08 Jan 2020 10:33

Tgt Ion:149 Resp: 102265
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.0 10.6
 104 6.0 5.0 7.4





#75

Fluoranthene

Concen: 11.818 ng

RT: 19.09 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

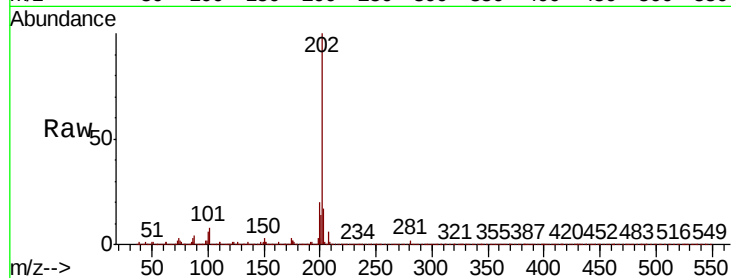
Tot Ion:202 Resp: 124435

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.4

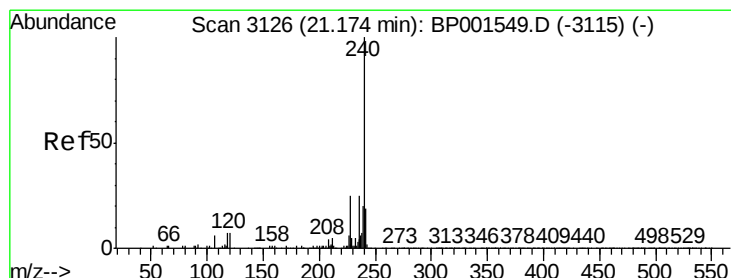
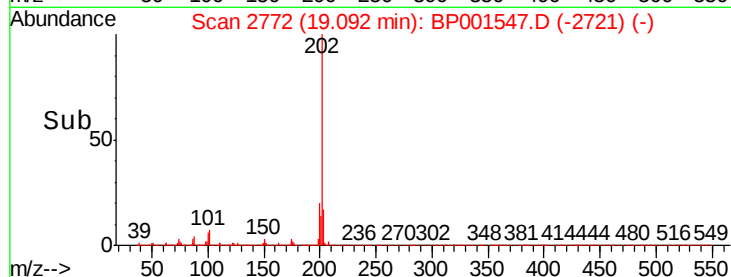
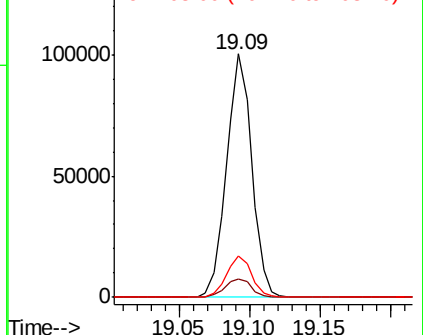
203 17.1 0.0 37.4



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: BP001547.D

Acq: 08 Jan 2020 10:33

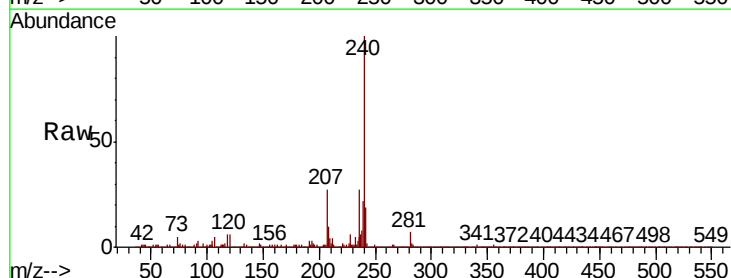
Tgt Ion:240 Resp: 159962

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

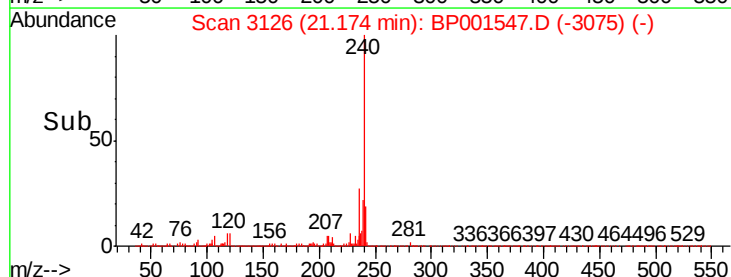
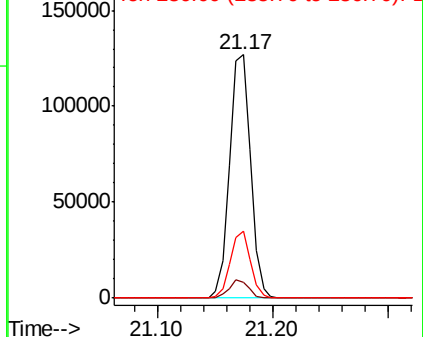
236 27.3 20.4 30.6

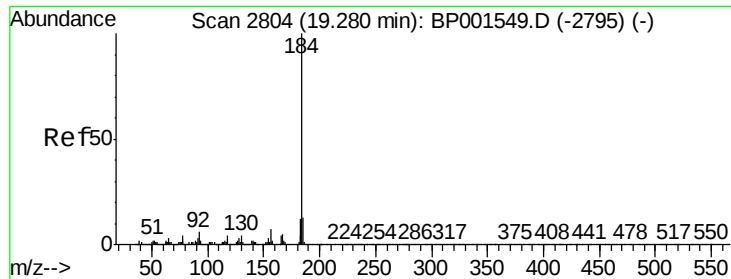


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 12.457 ng

RT: 19.28 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

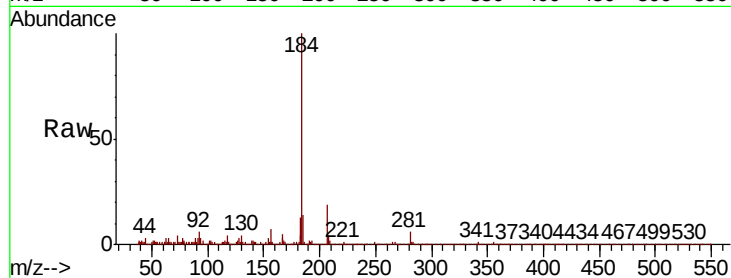
Instrument :

BNA_P

ClientSampleId :

Tot Ion:184 Resp: 45564

Ion	Ratio	Lower	Upper
184	100		
185	13.9	10.6	16.0
183	12.8	9.4	14.0

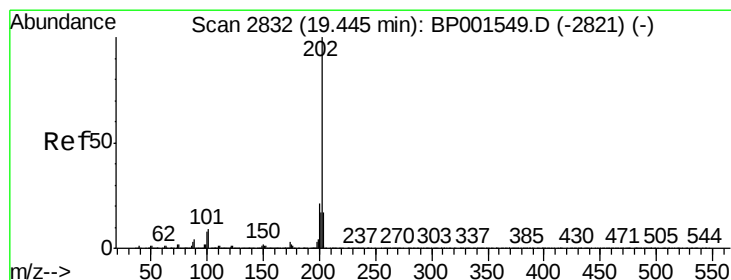
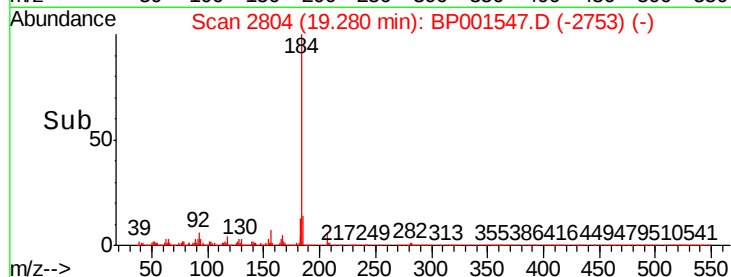
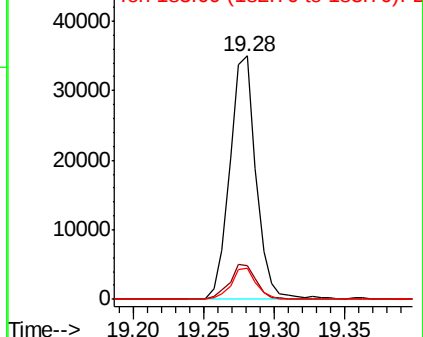


Abundance

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: 10.960 ng

RT: 19.45 min Scan# 2832

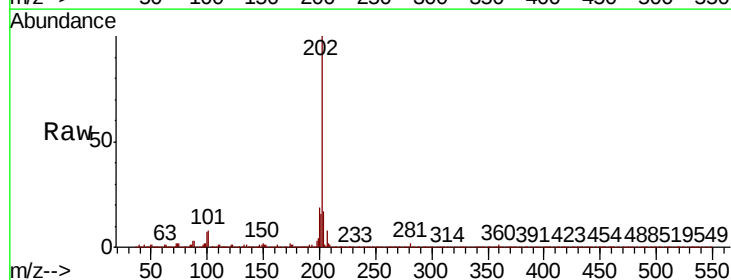
Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Tgt Ion:202 Resp: 127226

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.6
203	16.9	13.7	20.5

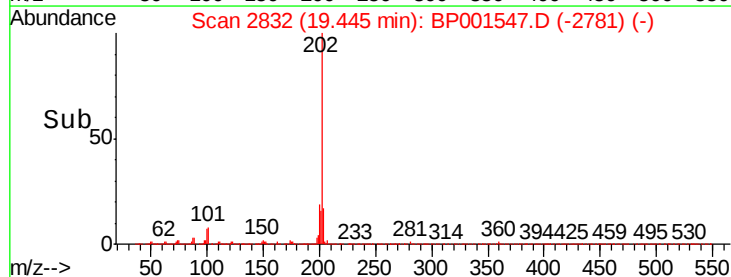
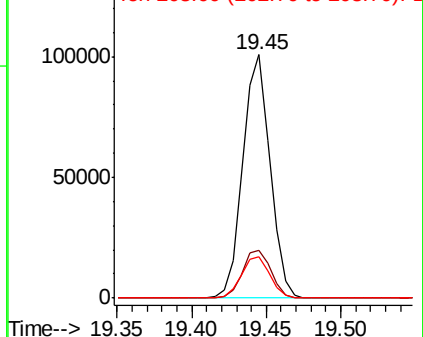


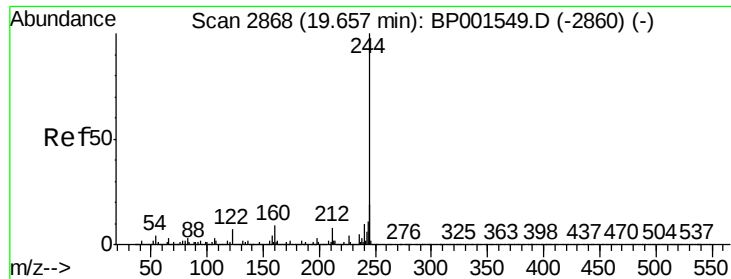
Abundance

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: 24.839 ng

RT: 19.66 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

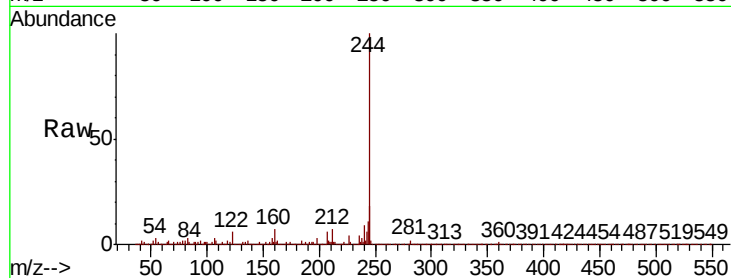
Tot Ion:244 Resp: 199375

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

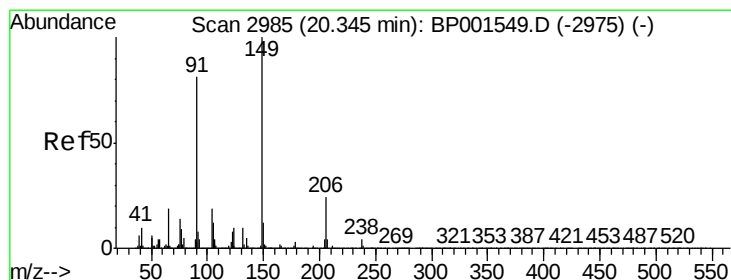
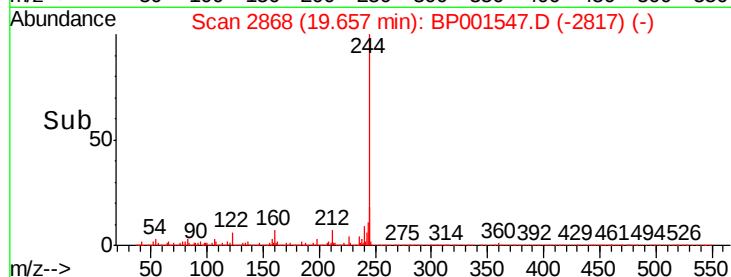
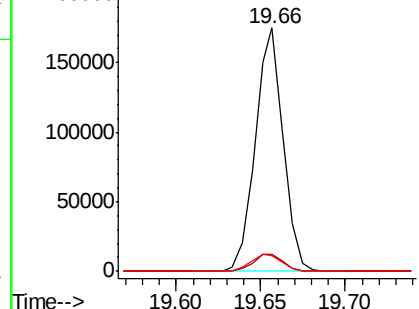
122 6.5 5.8 8.6



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: 9.380 ng

RT: 20.35 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

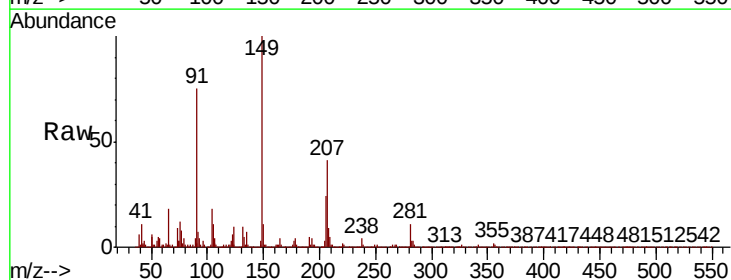
Tgt Ion:149 Resp: 46844

Ion Ratio Lower Upper

149 100

91 75.3 64.8 97.2

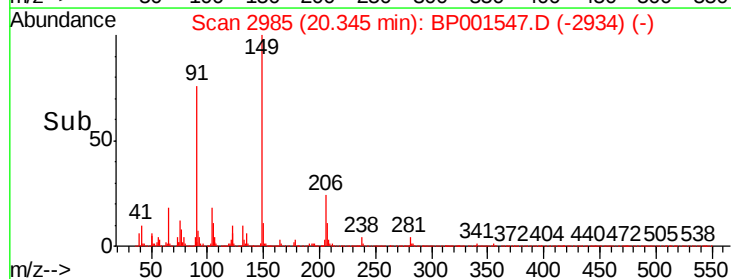
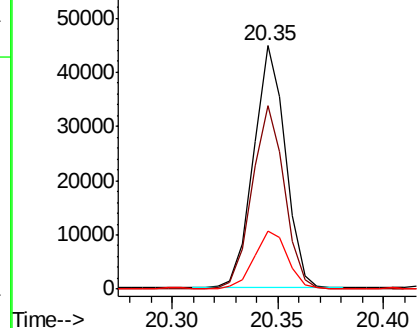
206 24.0 19.4 29.0

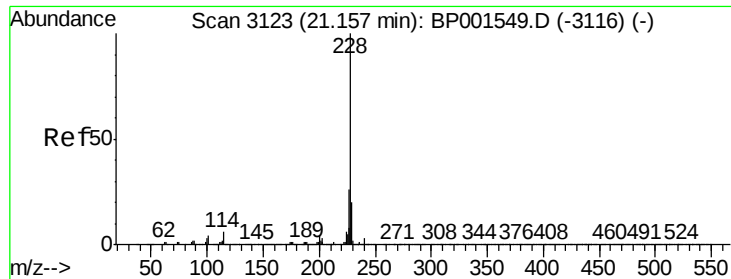


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

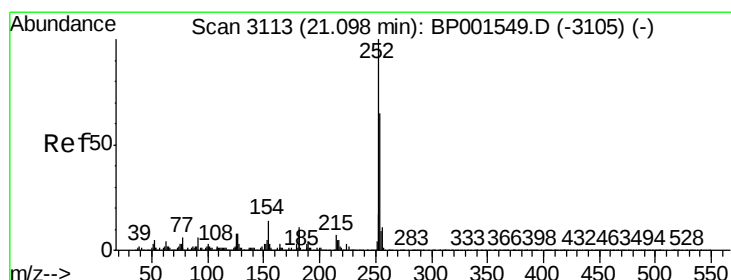
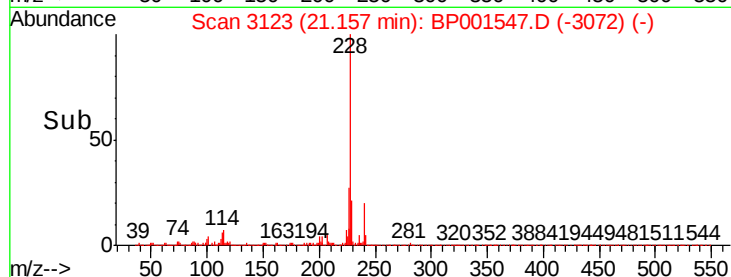
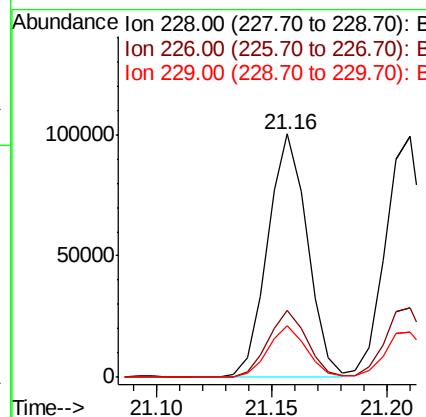
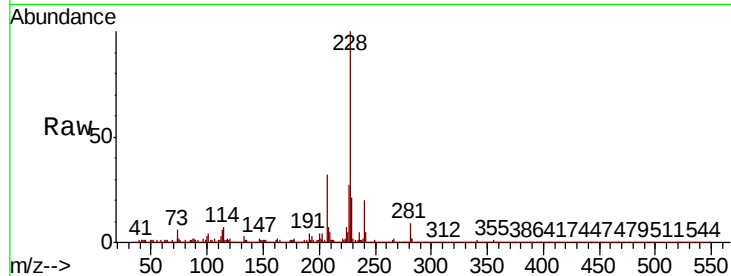




#81
Benzo(a)anthracene
Concen: 10.683 ng
RT: 21.16 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

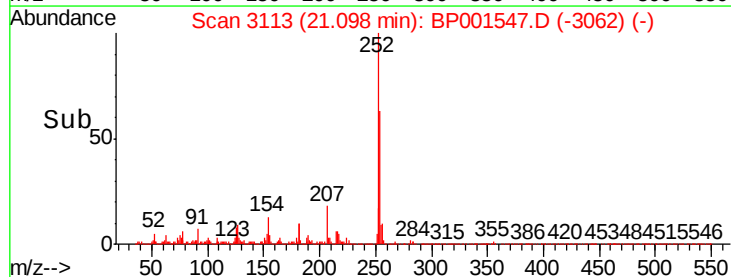
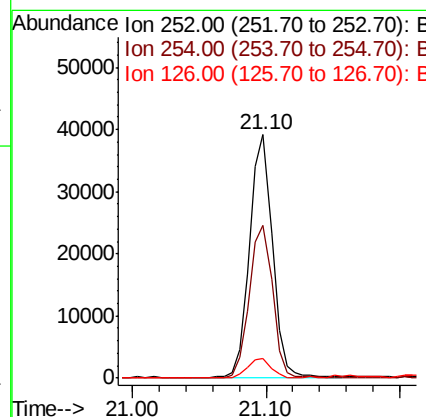
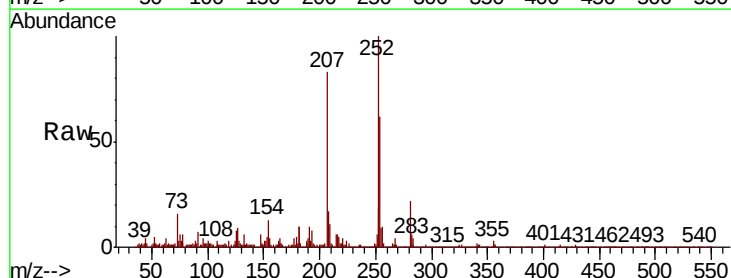
Instrument :
BNA_P
ClientSampleId :

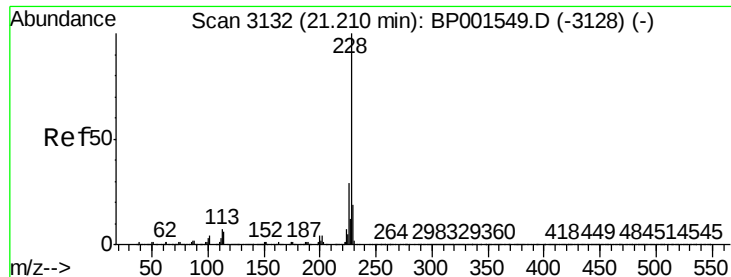
Tot Ion:228 Resp: 119907
Ion Ratio Lower Upper
228 100
226 27.5 21.2 31.8
229 21.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 11.440 ng
RT: 21.10 min Scan# 3113
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:252 Resp: 45579
Ion Ratio Lower Upper
252 100
254 62.5 52.2 78.2
126 7.9 6.6 9.8





#83

Chrysene

Concen: 11.092 ng

RT: 21.21 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampleId :

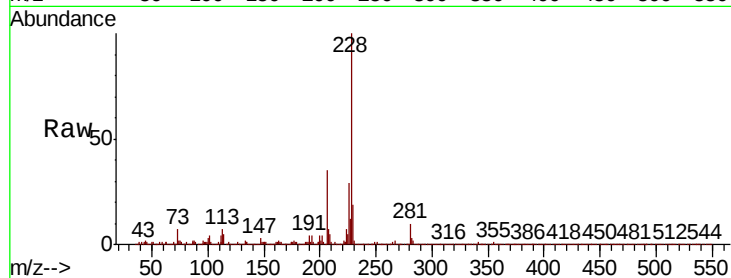
Tot Ion:228 Resp: 119373

Ion Ratio Lower Upper

228 100

226 28.9 23.2 34.8

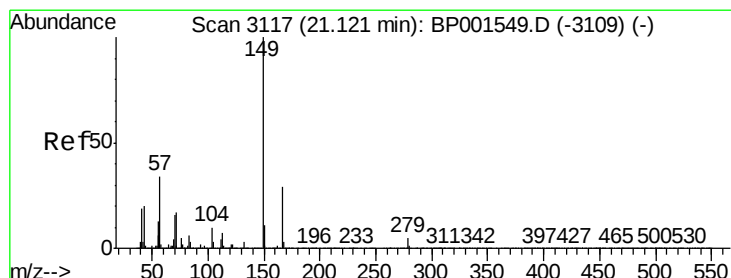
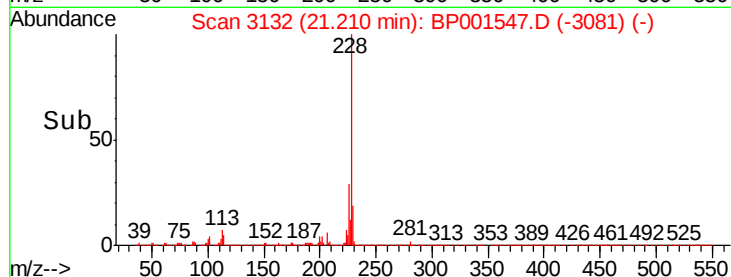
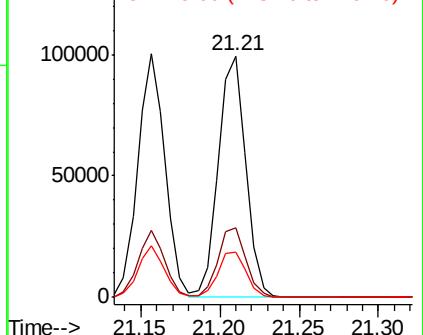
229 18.8 15.2 22.8



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: 8.999 ng

RT: 21.12 min Scan# 3117

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

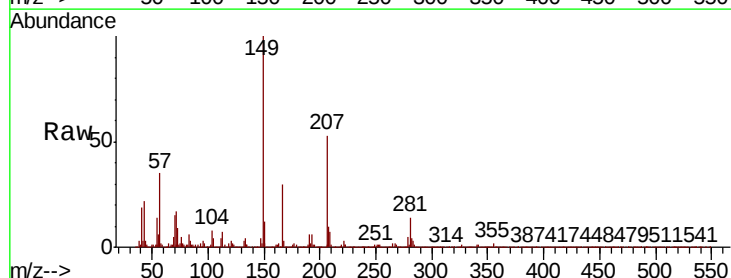
Tgt Ion:149 Resp: 65855

Ion Ratio Lower Upper

149 100

167 29.8 23.5 35.3

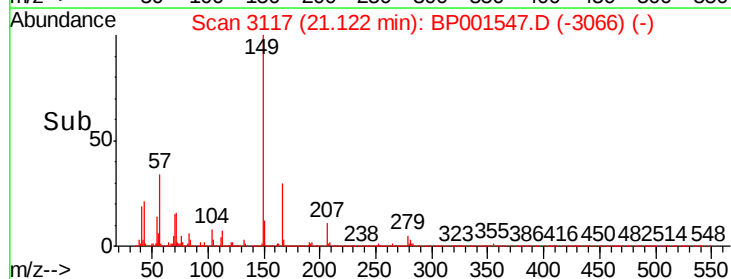
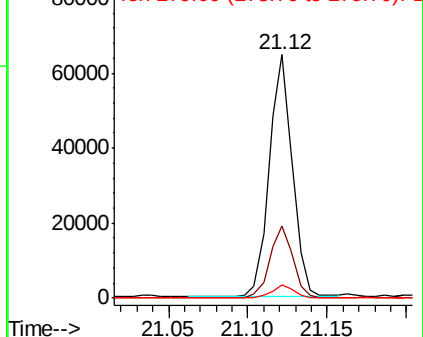
279 5.2 4.0 6.0

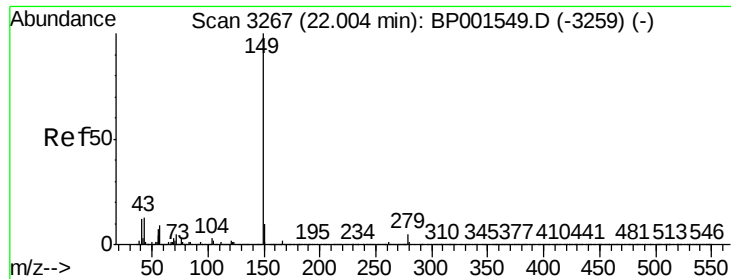


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.178 ng

RT: 22.00 min Scan# 3267

Delta R.T. 0.00 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

Instrument :

BNA_P

ClientSampled :

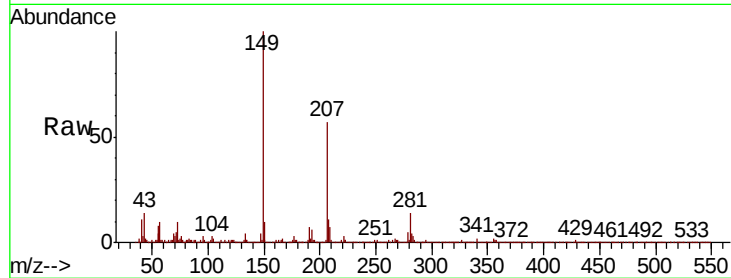
Tot Ion:149 Resp: 104085

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

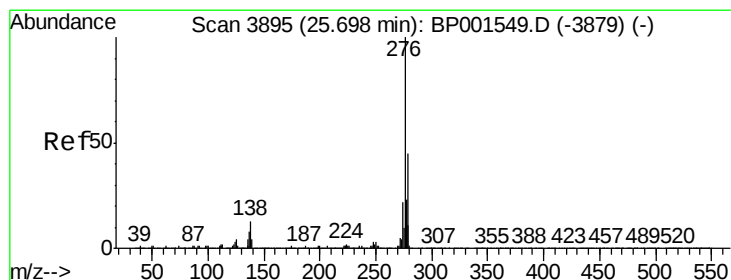
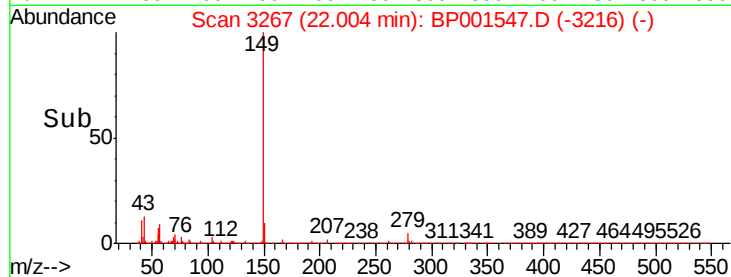
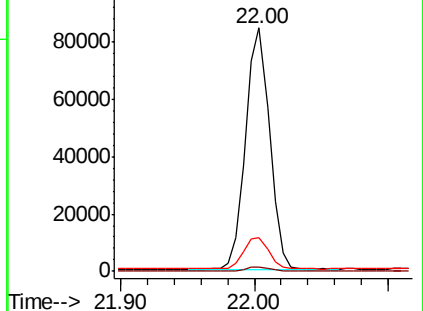
43 13.4 10.7 16.1



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: 10.249 ng

RT: 25.69 min Scan# 3893

Delta R.T. -0.01 min

Lab File: BP001547.D

Acq: 08 Jan 2020 10:33

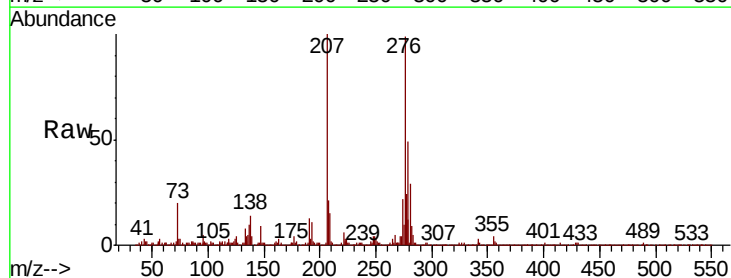
Tgt Ion:276 Resp: 134237

Ion Ratio Lower Upper

276 100

138 15.0 11.1 16.7

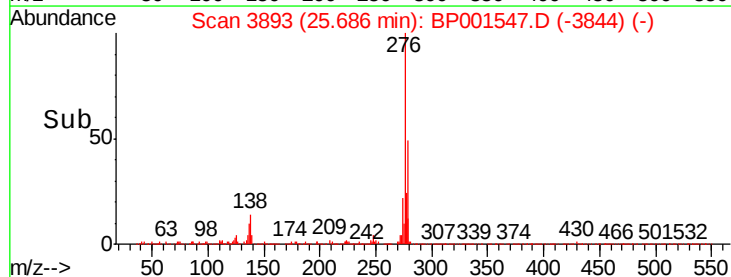
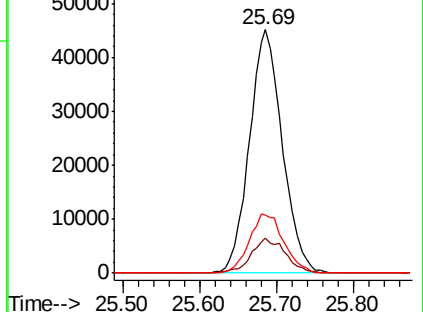
277 25.6 20.4 30.6

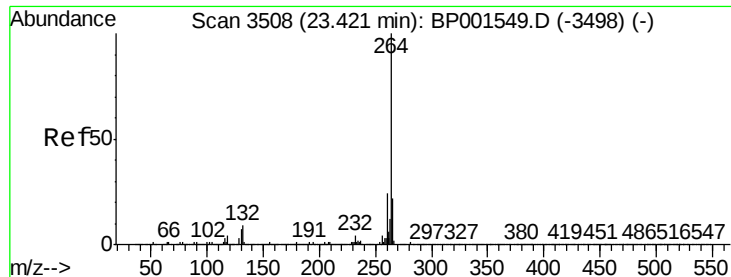


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

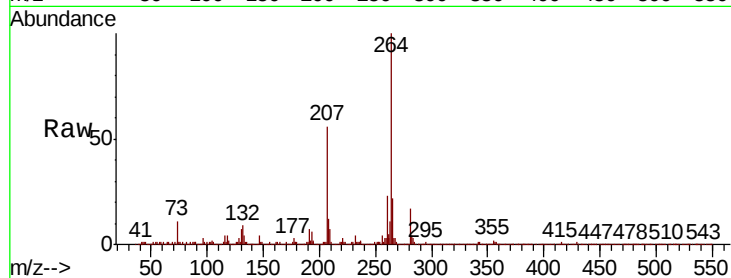




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.42 min Scan# 3508
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.6
265	22.3	18.2	27.4

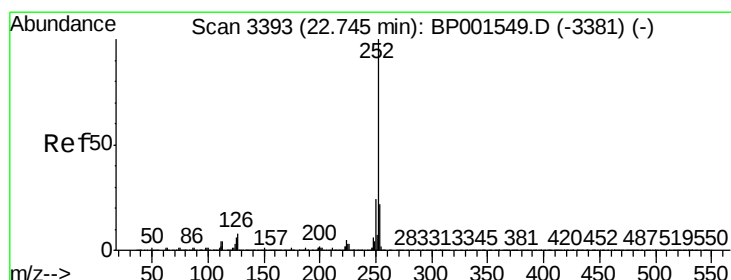
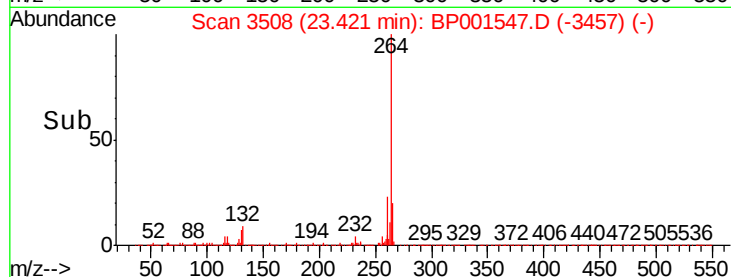
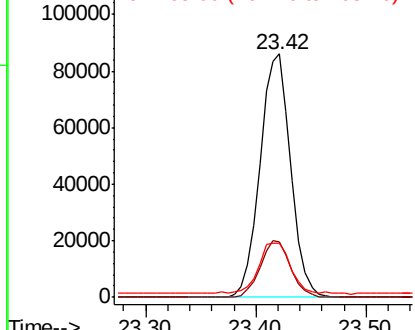


Abundance

Ion 264.00 (263.70 to 264.70): E

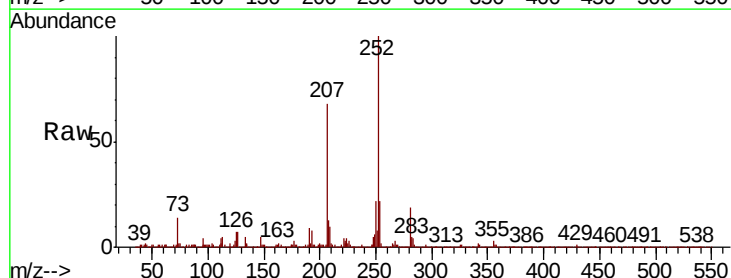
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 10.982 ng
RT: 22.74 min Scan# 3393
Delta R.T. 0.00 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	6.8	4.6	7.0

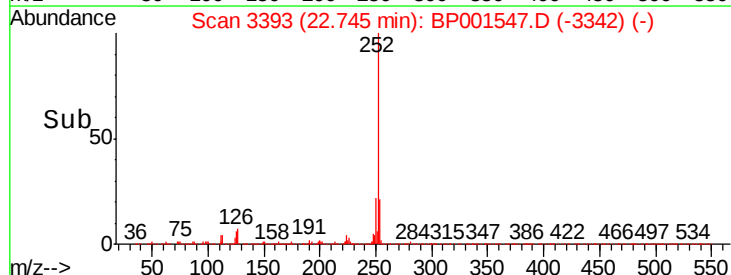
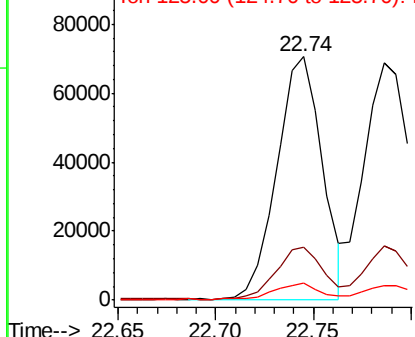


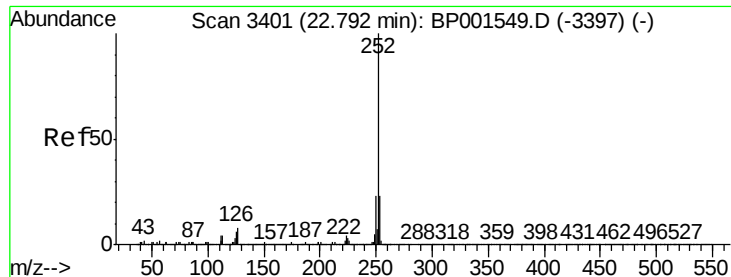
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

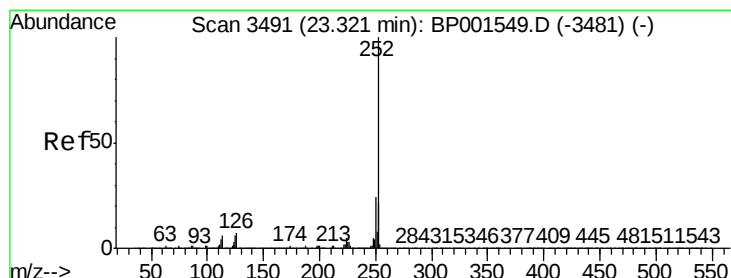
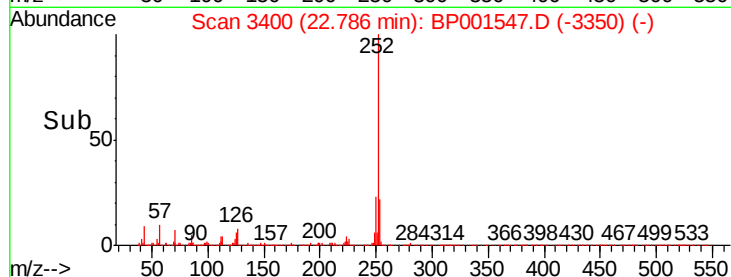
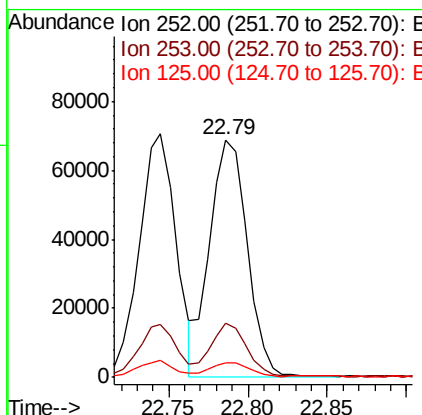
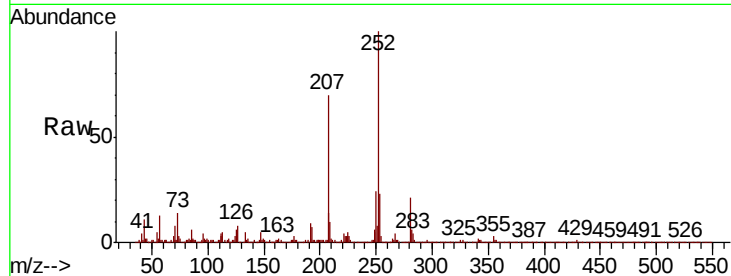




#89
Benzo(k)fluoranthene
Concen: 11.403 ng
RT: 22.79 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

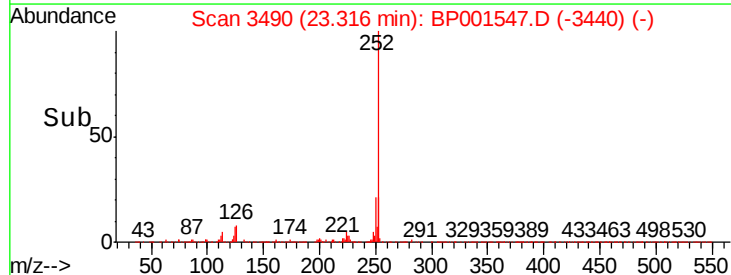
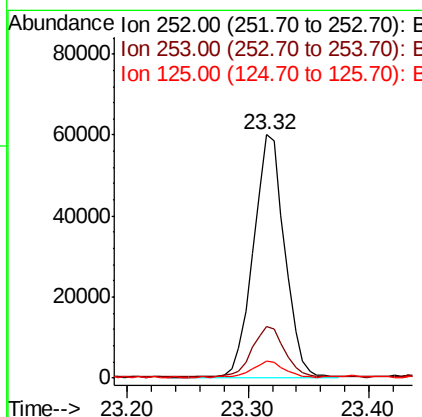
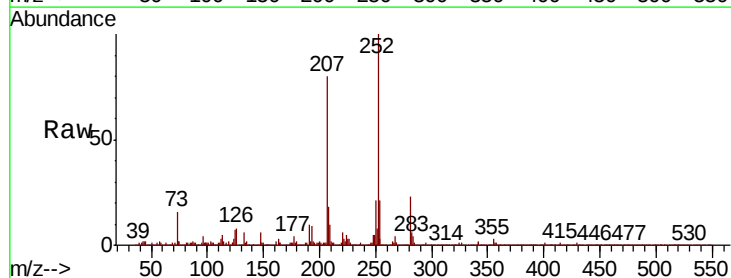
Instrument :
BNA_P
ClientSampleId :

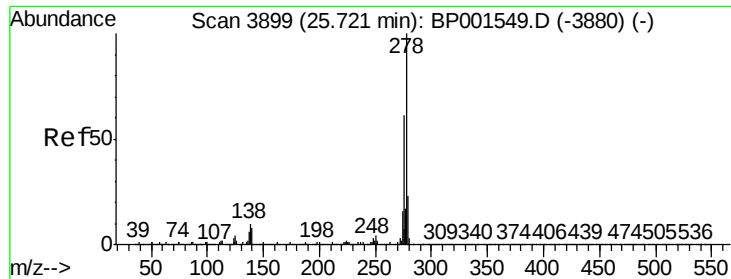
Tot Ion:252 Resp: 112862
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 6.2 4.6 6.8



#90
Benzo(a)pyrene
Concen: 11.182 ng
RT: 23.32 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion:252 Resp: 108155
Ion Ratio Lower Upper
252 100
253 21.3 17.6 26.4
125 7.1 5.0 7.4

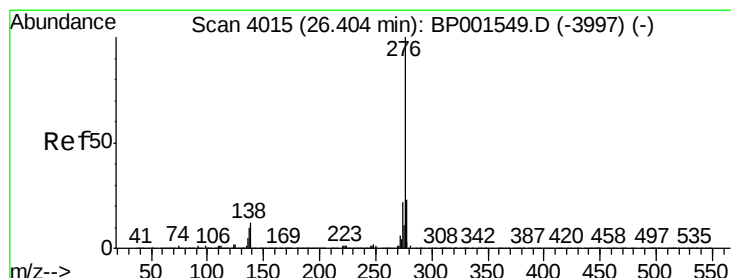
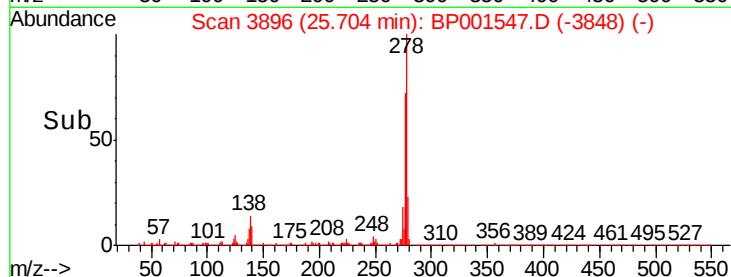
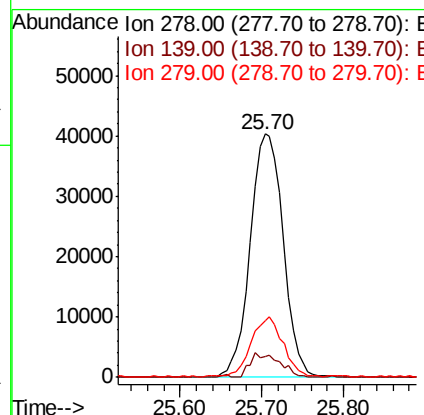
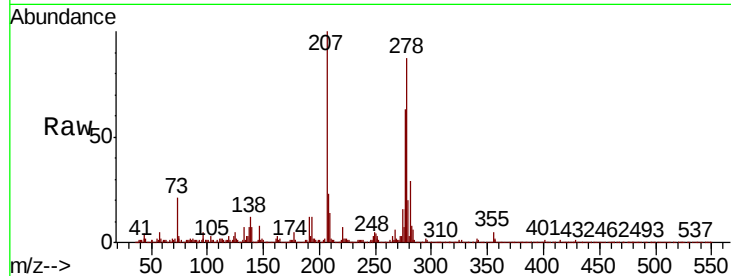




#91
Dibenzo(a,h)anthracene
Concen: 11.796 ng
RT: 25.70 min Scan# 3896
Delta R.T. -0.02 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.6	6.7	10.1
279	23.1	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 11.541 ng
RT: 26.37 min Scan# 4010
Delta R.T. -0.03 min
Lab File: BP001547.D
Acq: 08 Jan 2020 10:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.6	28.0
138	11.4	9.4	14.2

