

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011520\
 Data File : BP001624.D
 Acq On : 15 Jan 2020 23:35
 Operator : JU
 Sample : L1126-05MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0MSD

Quant Time: Jan 16 06:05:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	40068	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	138829	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	87583	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	190849	20.00	ng	0.00
76) Chrysene-d12	21.16	240	162330	20.00	ng	0.00
87) Perylene-d12	23.39	264	172591	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	216377	105.79	ng	0.00
7) Phenol-d6	6.84	99	311011	95.14	ng	0.00
23) Nitrobenzene-d5	8.79	82	215746	67.91	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	112956	84.73	ng	0.00
45) 2-Fluorobiphenyl	12.90	172	418633	70.28	ng	0.00
79) Terphenyl-d14	19.63	244	562765	63.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	28923	44.308	ng	96
3) Pyridine	3.60	79	83607	35.444	ng	94
4) n-Nitrosodimethylamine	3.52	42	79850	47.762	ng	96
6) Aniline	6.97	93	99789	24.413	ng	98
8) 2-Chlorophenol	7.21	128	109581	45.888	ng	95
9) Benzaldehyde	6.78	77	74091	37.945	ng	93
10) Phenol	6.86	94	154406	45.660	ng	98
11) bis(2-Chloroethyl)ether	7.07	93	117204	44.192	ng	97
12) 1,3-Dichlorobenzene	7.53	146	131051	43.659	ng	95
13) 1,4-Dichlorobenzene	7.67	146	134580	43.359	ng	98
14) 1,2-Dichlorobenzene	7.99	146	125032	41.684	ng	97
15) Benzyl Alcohol	7.88	79	116934	37.983	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	214492	43.534	ng	98
17) 2-Methylphenol	8.09	107	97001	41.314	ng	98
18) Hexachloroethane	8.70	117	47677	39.347	ng	93
19) n-Nitroso-di-n-propylamine	8.45	70	96209	38.603	ng	93
20) 3+4-Methylphenols	8.42	107	126715	38.584	ng	99
22) Acetophenone	8.45	105	173678	44.628	ng	95
24) Nitrobenzene	8.83	77	149681	46.570	ng	98
25) Isophorone	9.35	82	255501	44.847	ng	99
26) 2-Nitrophenol	9.53	139	55100	45.362	ng	95
27) 2,4-Dimethylphenol	9.62	122	95228	52.477	ng	99
28) bis(2-Chloroethoxy)methane	9.84	93	143904	43.117	ng	97
29) 2,4-Dichlorophenol	10.07	162	108657	43.744	ng	100
30) 1,2,4-Trichlorobenzene	10.28	180	133667	44.577	ng	97
31) Naphthalene	10.46	128	330572	45.117	ng	99
32) Benzoic acid	9.79	122	60340	38.030	ng	90
33) 4-Chloroaniline	10.58	127	44805	13.281	ng	97
34) Hexachlorobutadiene	10.76	225	93360	43.983	ng	97
35) Caprolactam	11.35	113	32045	35.527	ng	92
36) 4-Chloro-3-methylphenol	11.73	107	114073	38.267	ng	99
37) 2-Methylnaphthalene	12.09	142	237495	40.672	ng	97
38) 1-Methylnaphthalene	12.30	142	224681	39.985	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.46	216	150397	50.129	ng	97

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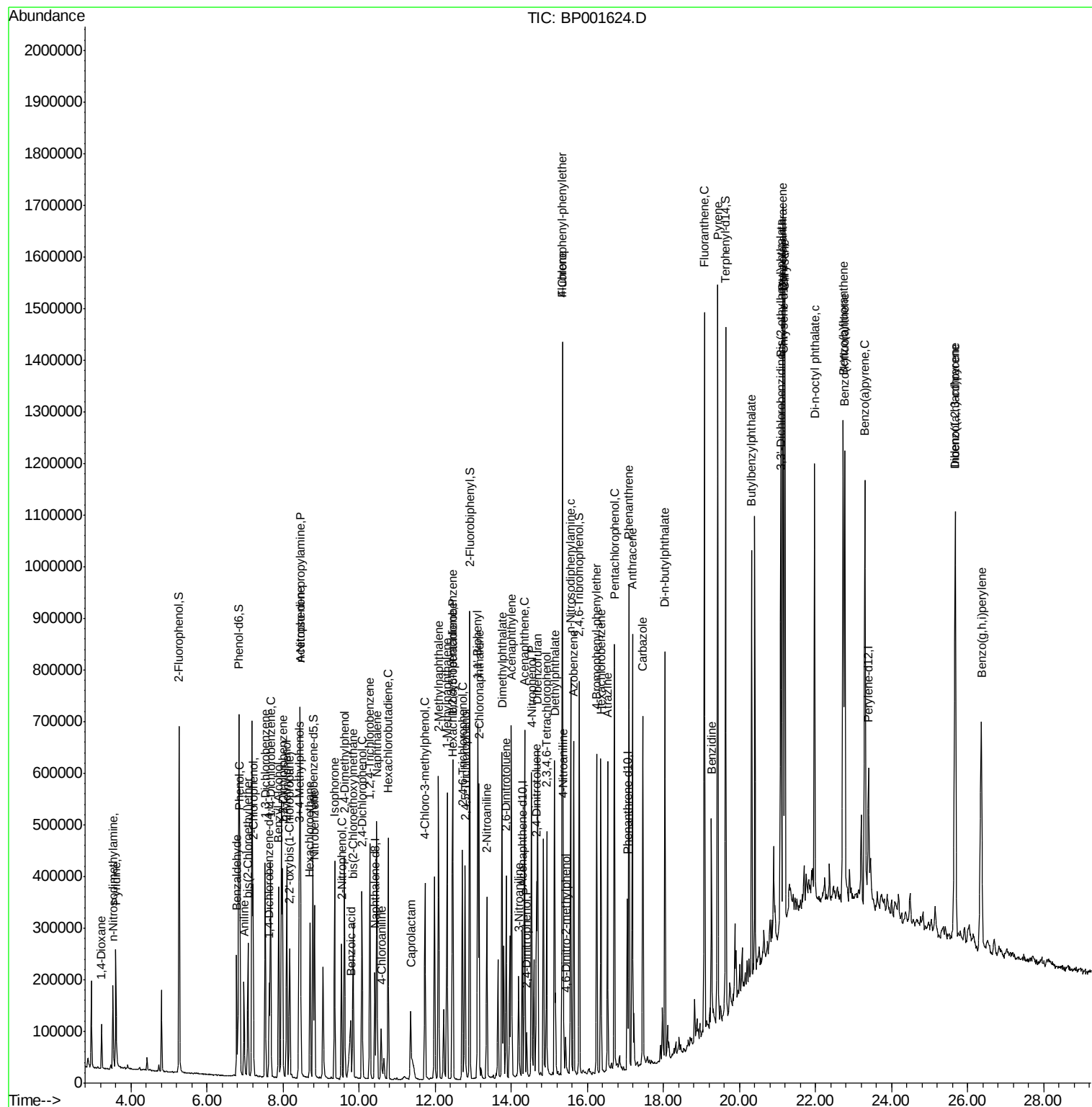
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41) Hexachlorocyclopentadiene	12.45	237	64869	42.625	nq	98
43) 2,4,6-Trichlorophenol	12.71	196	94754	48.970	nq	99
44) 2,4,5-Trichlorophenol	12.79	196	98944	48.121	nq	94
46) 1,1'-Biphenyl	13.12	154	307391	48.979	nq	99
47) 2-Chloronaphthalene	13.15	162	244663	46.905	nq	98
48) 2-Nitroaniline	13.36	65	94854	46.286	nq	97
49) Acenaphthylene	14.00	152	416620	51.789	nq	99
50) Dimethylphthalate	13.76	163	338558	46.932	nq	98
51) 2,6-Dinitrotoluene	13.86	165	61776	40.383	nq	89
52) Acenaphthene	14.35	154	219512	44.059	nq	98
53) 3-Nitroaniline	14.19	138	37731	23.361	nq	93
54) 2,4-Dinitrophenol	14.40	184	14644	17.025	nq	92
55) Dibenzofuran	14.69	168	367966	43.675	nq	98
56) 4-Nitrophenol	14.53	139	103461	80.218	nq	93
57) 2,4-Dinitrotoluene	14.66	165	83169	37.157	nq	99
58) Fluorene	15.34	166	289299	42.435	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.93	232	91871	43.270	nq	97
60) Diethylphthalate	15.14	149	287420	38.738	nq	99
61) 4-Chlorophenyl-phenylether	15.34	204	163791	41.979	nq	98
62) 4-Nitroaniline	15.37	138	50872	27.626	nq	96
63) Azobenzene	15.64	77	324094	43.717	nq	96
65) 4,6-Dinitro-2-methylphenol	15.43	198	13046	12.644	nq	96
66) n-Nitrosodiphenylamine	15.56	169	248145	49.079	nq	98
67) 4-Bromophenyl-phenylether	16.24	248	99483	46.206	nq	97
68) Hexachlorobenzene	16.36	284	112144	44.831	nq	97
69) Atrazine	16.53	200	98251	52.911	nq	96
70) Pentachlorophenol	16.71	266	134290	97.210	nq	98
71) Phenanthrene	17.09	178	505997	48.752	nq	99
72) Anthracene	17.19	178	505413	50.021	nq	99
73) Carbazole	17.46	167	398946	42.056	nq	100
74) Di-n-butylphthalate	18.04	149	456411	40.668	nq	99
75) Fluoranthene	19.07	202	801686	58.702	nq	99
77) Benzidine	19.26	184	229441	61.901	nq	99
78) Pyrene	19.43	202	814739	68.325	nq	99
80) Butylbenzylphthalate	20.32	149	191116	42.169	nq	96
81) Benzo(a)anthracene	21.14	228	709121	62.725	nq	98
82) 3,3'-Dichlorobenzidine	21.08	252	165540	39.048	nq	100
83) Chrysene	21.19	228	665023	60.361	nq	98
84) Bis(2-ethylhexyl)phthalate	21.10	149	279650	45.011	nq	98
85) Di-n-octyl phthalate	21.97	149	465882	47.028	nq	96
86) Indeno(1,2,3-cd)pyrene	25.67	276	652478	50.592	nq	99
88) Benzo(b)fluoranthene	22.73	252	730902	67.204	nq	100
89) Benzo(k)fluoranthene	22.77	252	565827	53.360	nq	97
90) Benzo(a)pyrene	23.30	252	628337	60.848	nq	99
91) Dibenzo(a,h)anthracene	25.69	278	469128	44.032	nq	98
92) Benzo(g,h,i)perylene	26.36	276	566135	53.451	nq	99

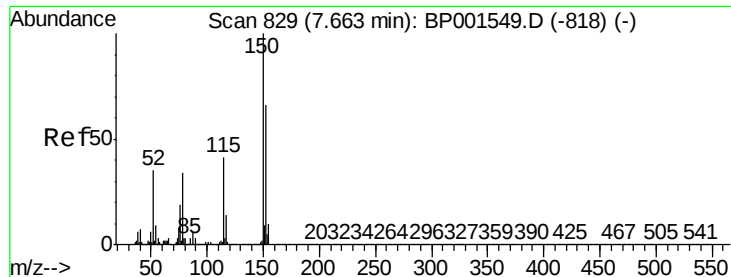
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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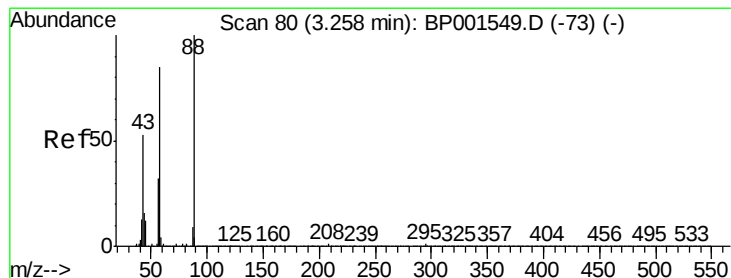
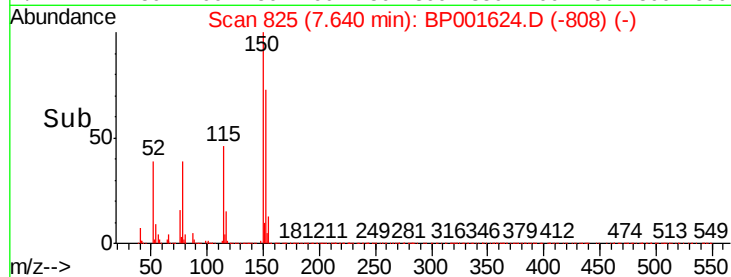
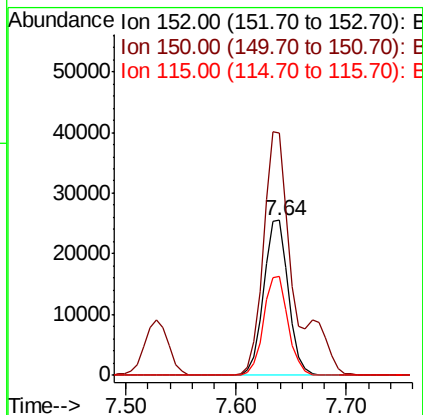
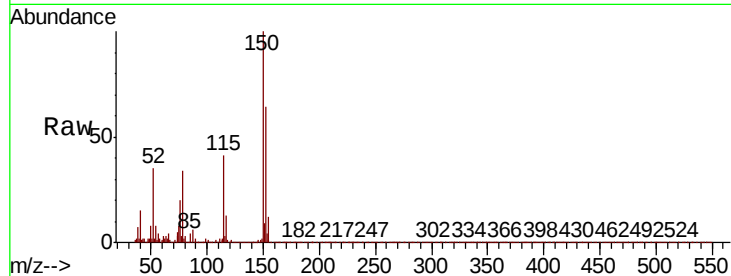


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

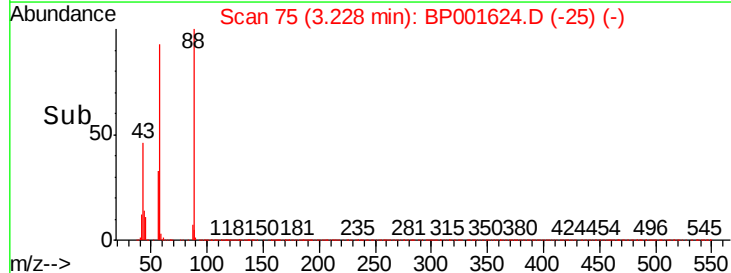
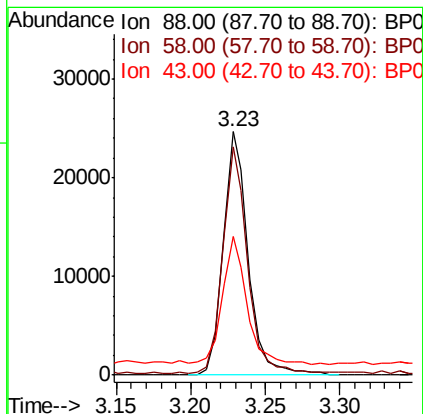
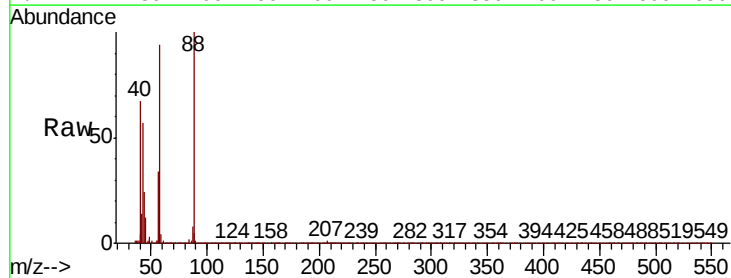
Tot Ion:152 Resp: 40068
Ion Ratio Lower Upper
152 100
150 156.7 122.0 183.0
115 64.1 50.7 76.1

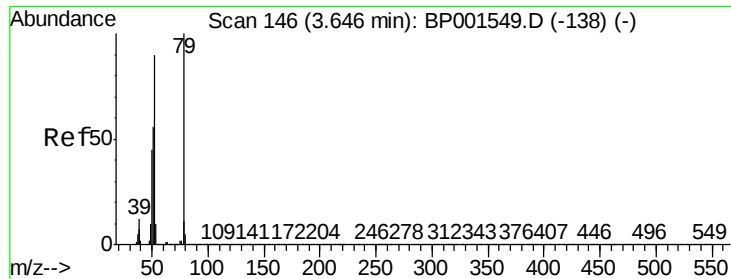


#2

1,4-Dioxane
Concen: 44.308 ng
RT: 3.23 min Scan# 75
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion: 88 Resp: 28923
Ion Ratio Lower Upper
88 100
58 91.7 69.5 104.3
43 52.0 40.3 60.5





#3

Pvridine

Concen: 35.444 ng

RT: 3.60 min Scan# 139

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

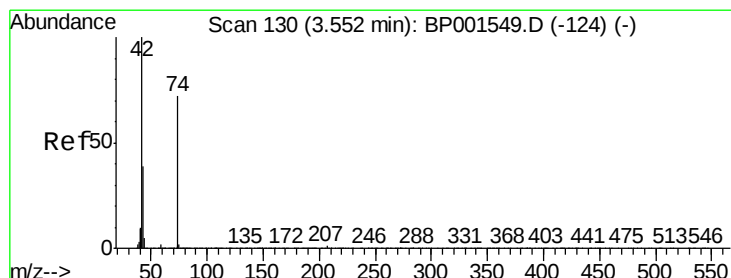
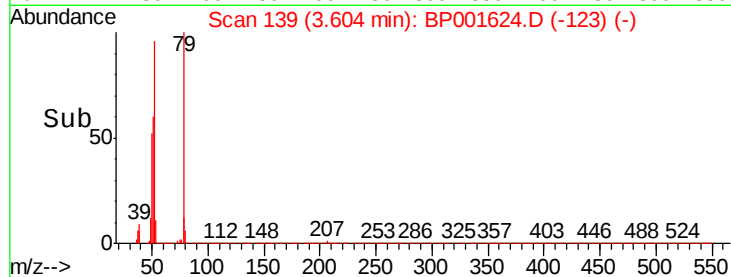
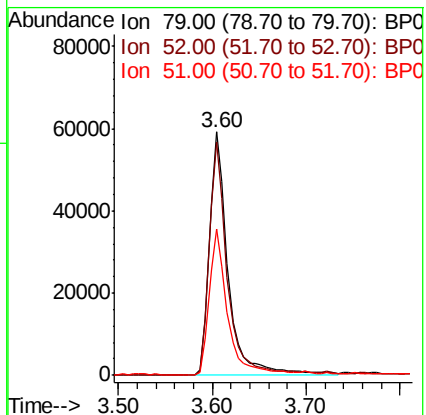
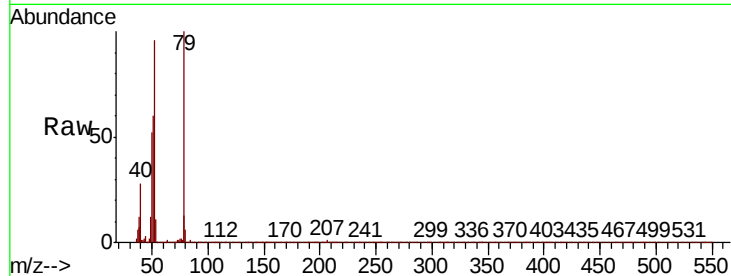
Tot Ion: 79 Resp: 83607

Ion Ratio Lower Upper

79 100

52 95.7 72.1 108.1

51 60.1 44.8 67.2



#4

n-Nitrosodimethylamine

Concen: 47.762 ng

RT: 3.52 min Scan# 125

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

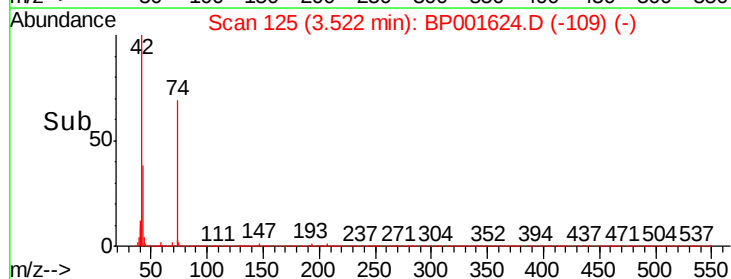
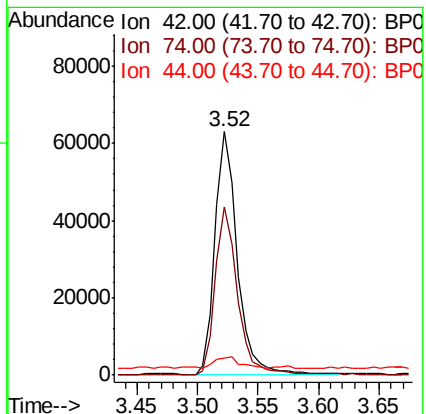
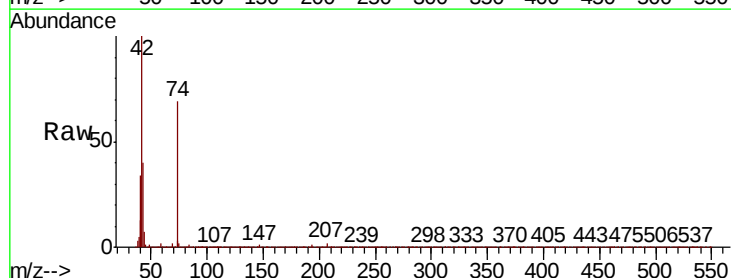
Tgt Ion: 42 Resp: 79850

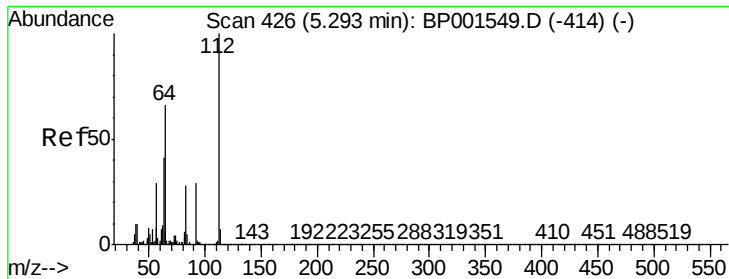
Ion Ratio Lower Upper

42 100

74 69.2 58.0 87.0

44 7.1 6.7 10.1





#5

2-Fluorophenol

Concen: 105.785 ng

RT: 5.26 min Scan# 421

Delta R.T. -0.00 min

Lab File: BP001624.D

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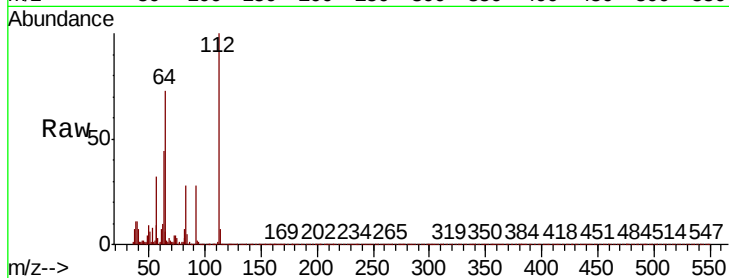
Tot Ion:112 Resp: 216377

Ion Ratio Lower Upper

112 100

64 73.2 52.8 79.2

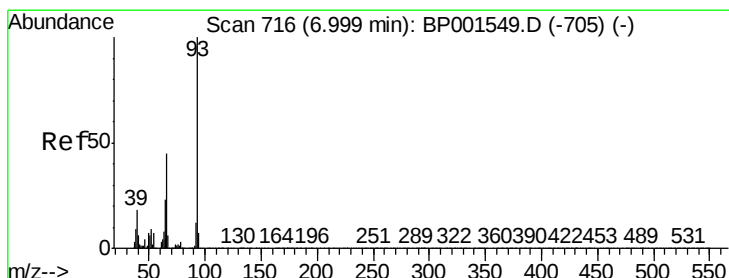
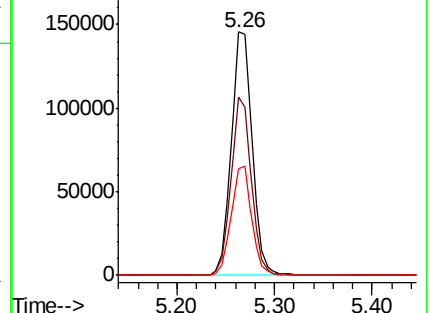
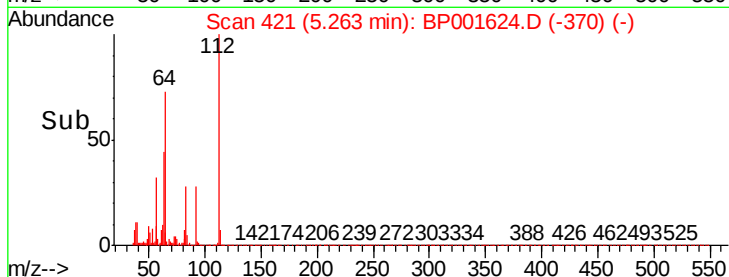
63 44.0 33.1 49.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 24.413 ng

RT: 6.97 min Scan# 712

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

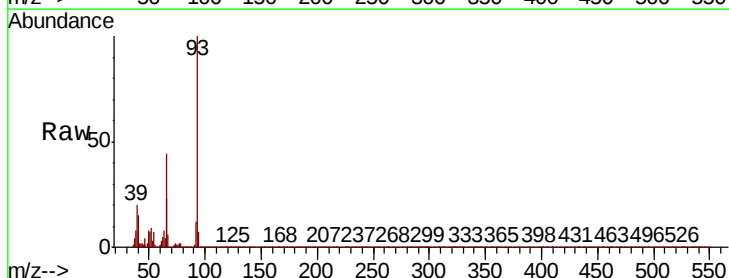
Tgt Ion: 93 Resp: 99789

Ion Ratio Lower Upper

93 100

66 43.6 36.4 54.6

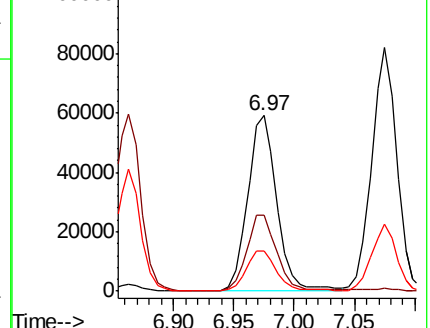
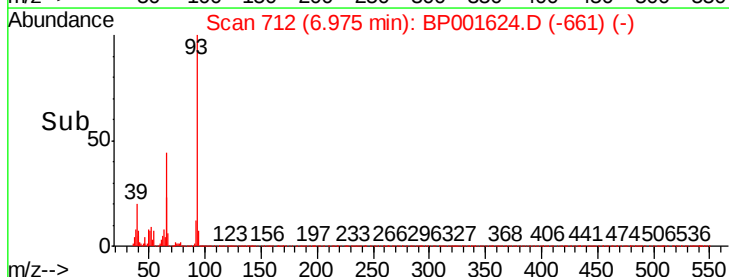
65 22.7 18.5 27.7

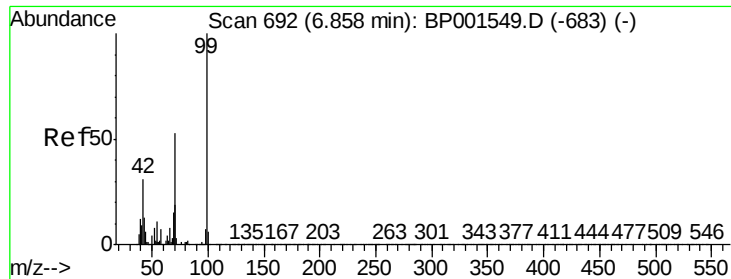


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 95.140 ng

RT: 6.84 min Scan# 689

Delta R.T. 0.01 min

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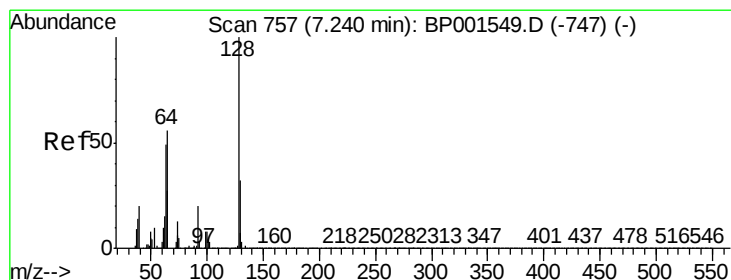
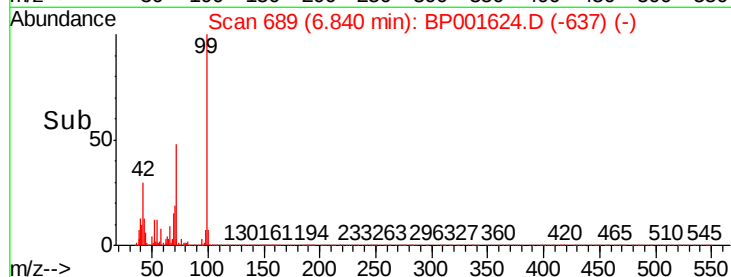
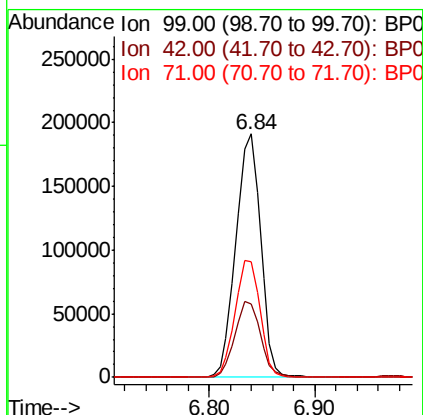
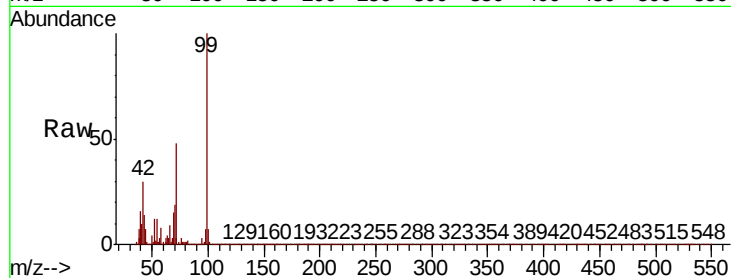
Tot Ion: 99 Resp: 311011

Ion Ratio Lower Upper

99 100

42 30.4 24.5 36.7

71 47.7 42.4 63.6



#8

2-Chlorophenol

Concen: 45.888 ng

RT: 7.21 min Scan# 752

Delta R.T. -0.00 min

Lab File: BP001624.D

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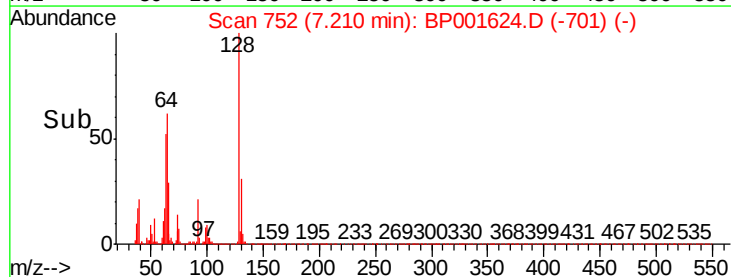
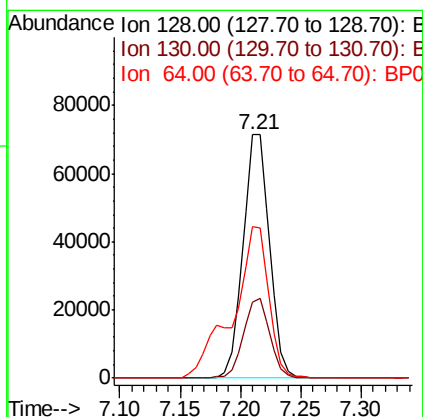
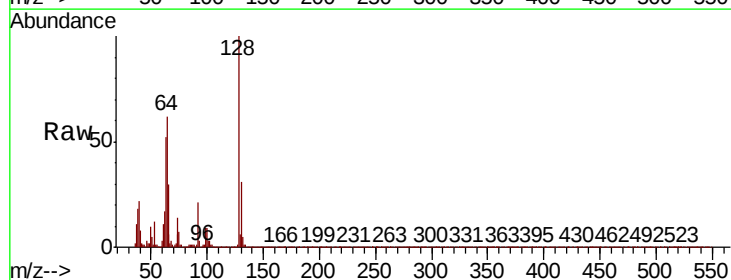
Tgt Ion: 128 Resp: 109581

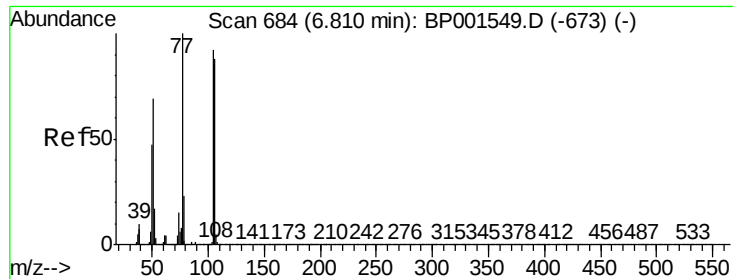
Ion Ratio Lower Upper

128 100

130 31.3 11.8 51.8

64 62.2 37.2 77.2





#9

Benzaldehyde

Concen: 37.945 ng

RT: 6.78 min Scan# 679

Delta R.T. -0.01 min

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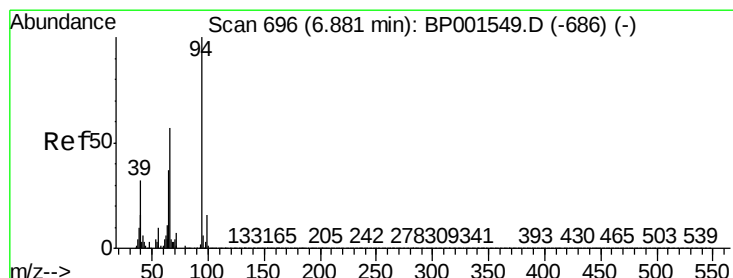
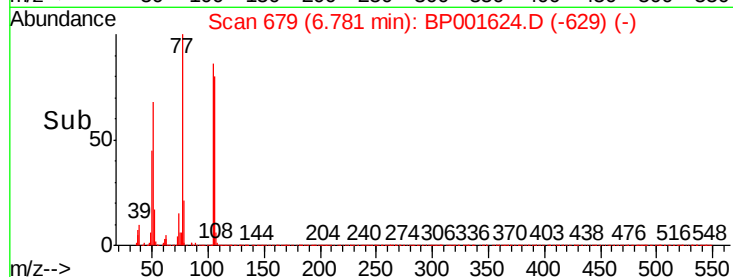
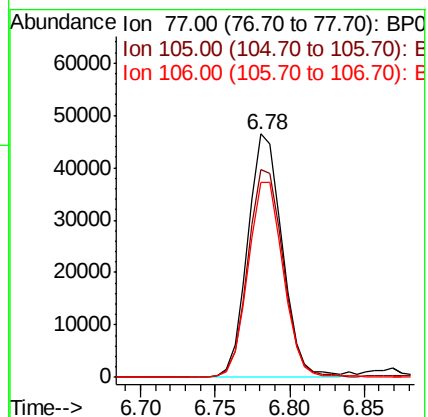
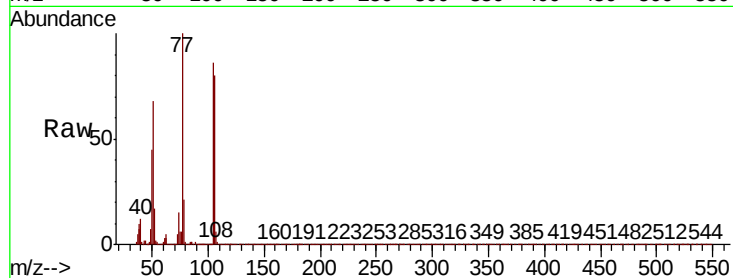
Tot Ion: 77 Resp: 74091

Ion Ratio Lower Upper

77 100

105 85.6 71.6 111.6

106 80.3 67.7 107.7



#10

Phenol

Concen: 45.660 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

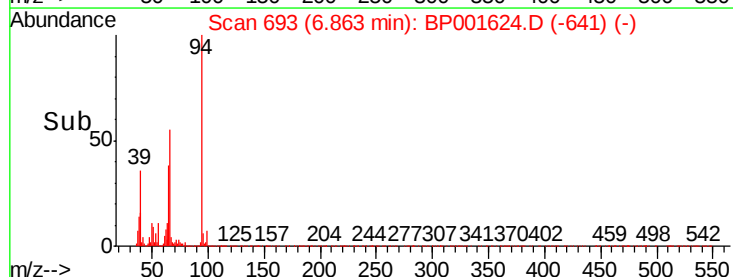
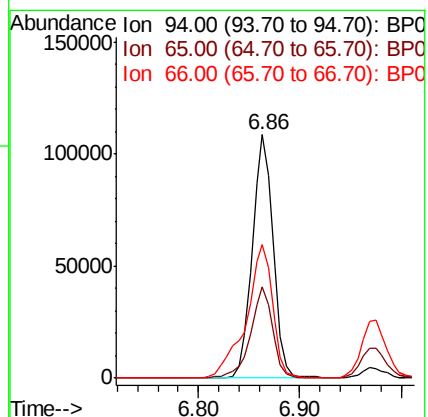
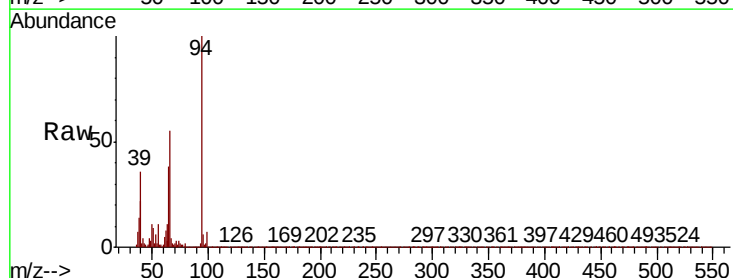
Tgt Ion: 94 Resp: 154406

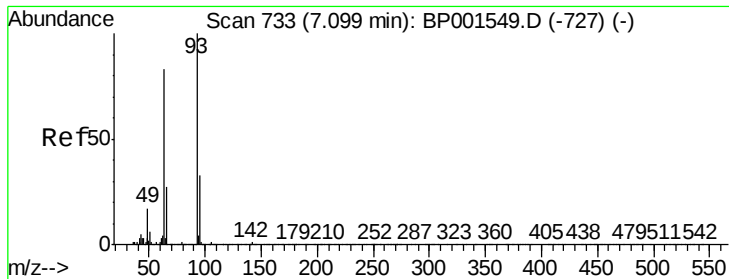
Ion Ratio Lower Upper

94 100

65 37.7 17.5 57.5

66 54.8 36.7 76.7

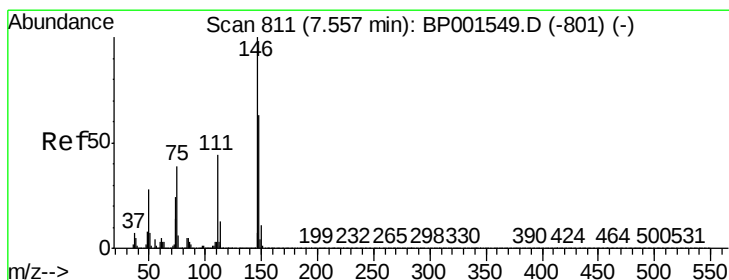
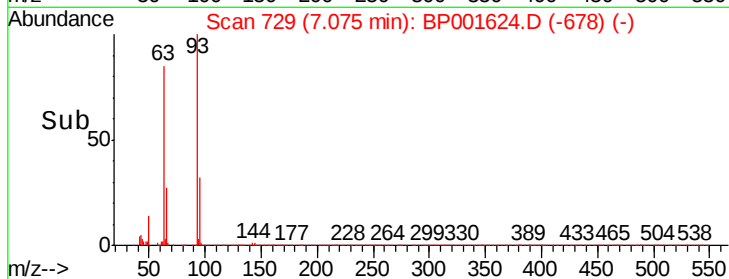
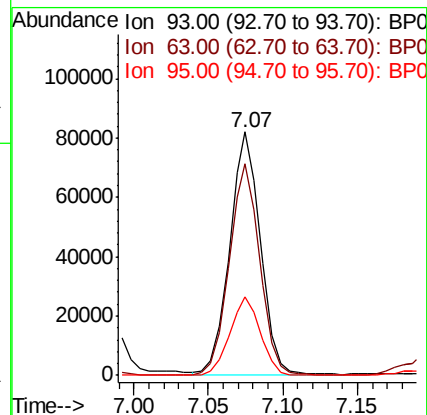
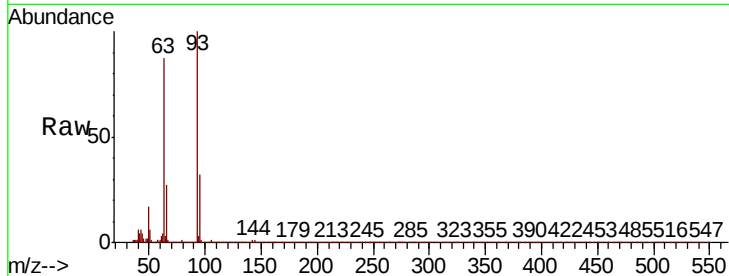




#11
bis(2-Chloroethyl)ether
Concen: 44.192 ng
RT: 7.07 min Scan# 729
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

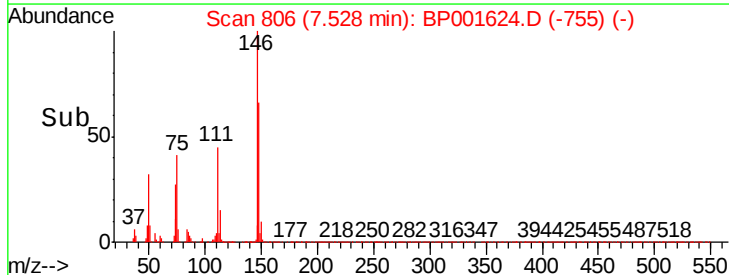
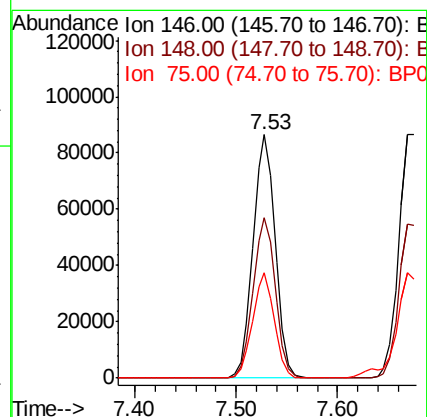
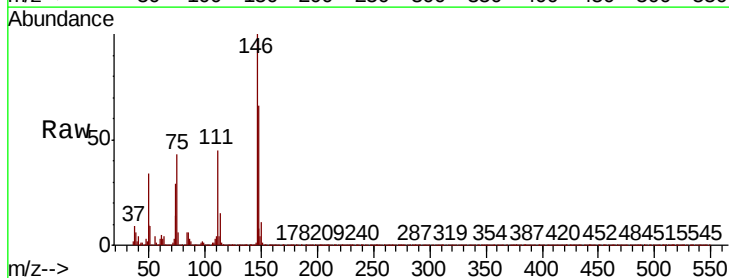
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

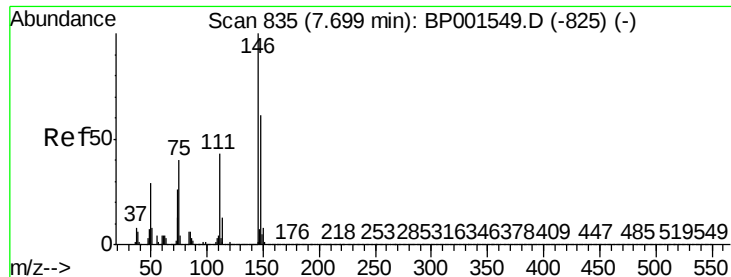
Tot Ion:	93	Resp:	117204
Ion	Ratio	Lower	Upper
93	100		
63	86.9	63.2	103.2
95	32.2	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 43.659 ng
RT: 7.53 min Scan# 806
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:	146	Resp:	131051
Ion	Ratio	Lower	Upper
146	100		
148	65.9	50.2	75.2
75	43.1	31.1	46.7

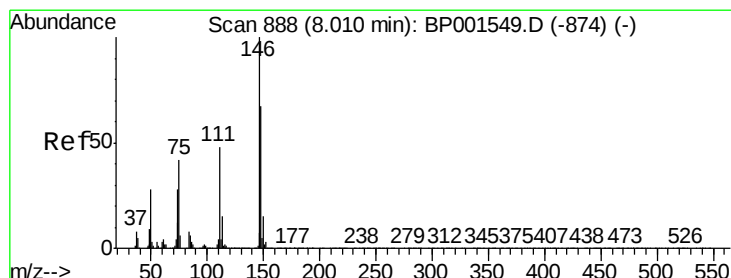
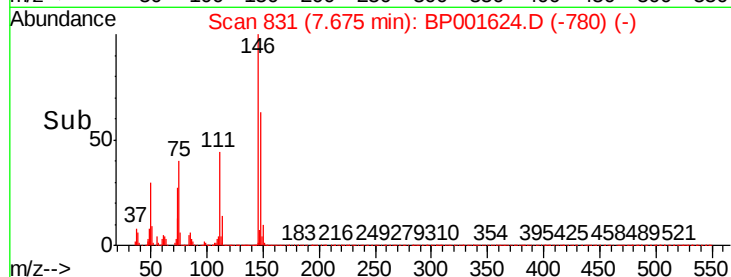
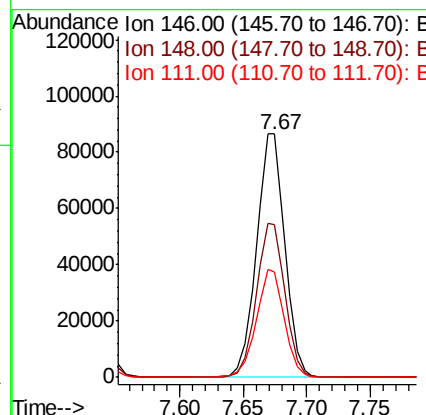
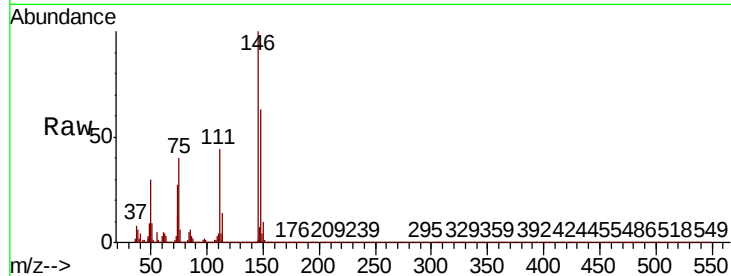




#13
1,4-Dichlorobenzene
Concen: 43.359 ng
RT: 7.67 min Scan# 831
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

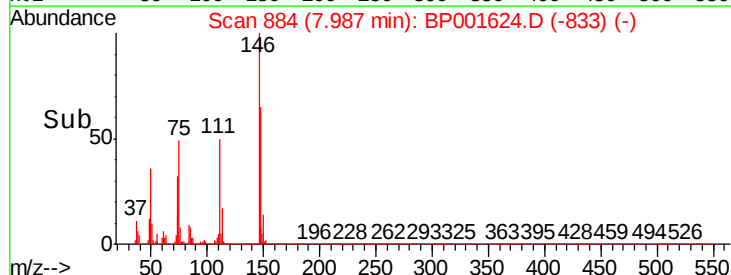
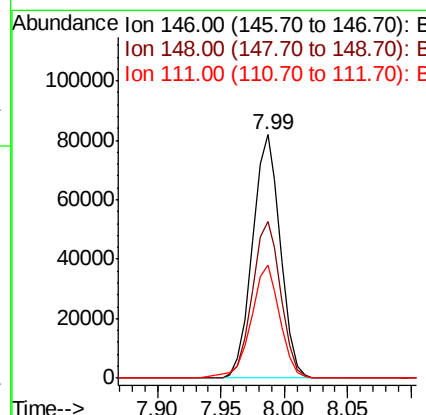
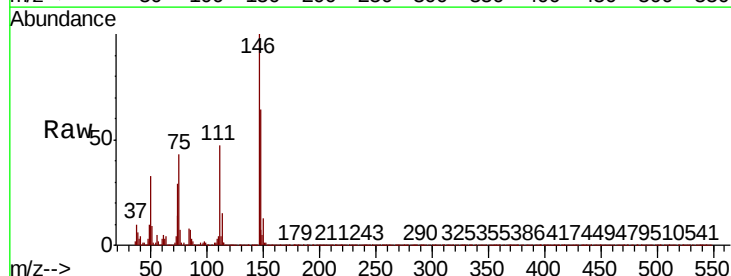
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

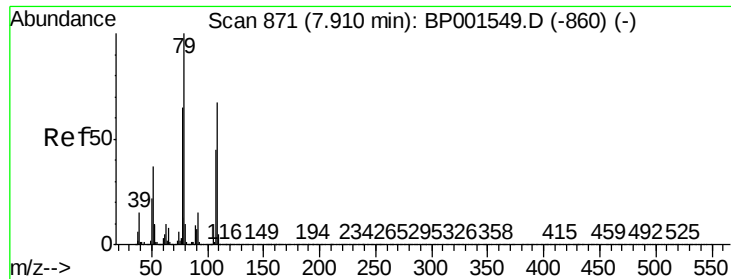
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	48.6	73.0
111	43.5	34.3	51.5



#14
1,2-Dichlorobenzene
Concen: 41.684 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	53.9	80.9
111	46.7	38.2	57.4

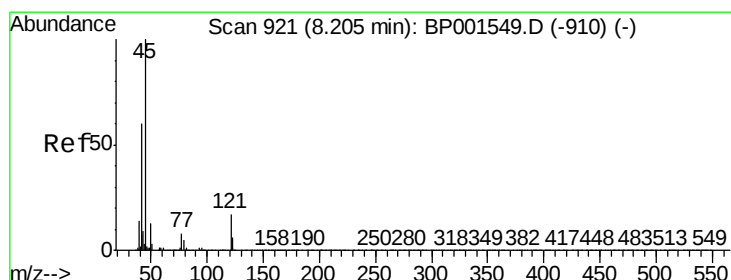
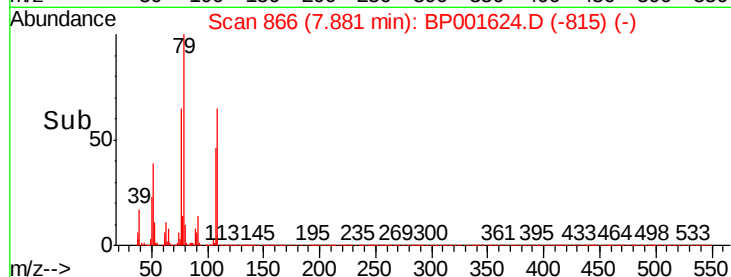
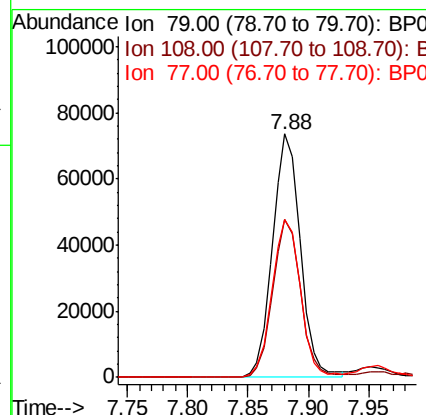
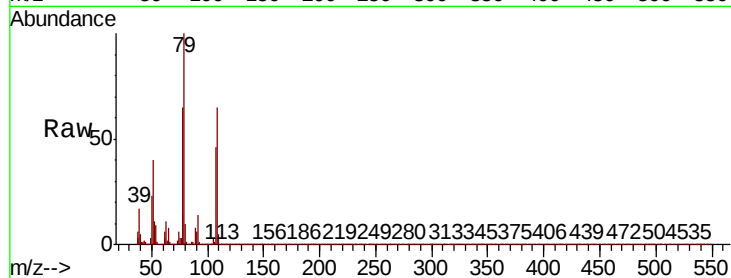




#15
Benzyl Alcohol
Concen: 37.983 ng
RT: 7.88 min Scan# 866
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

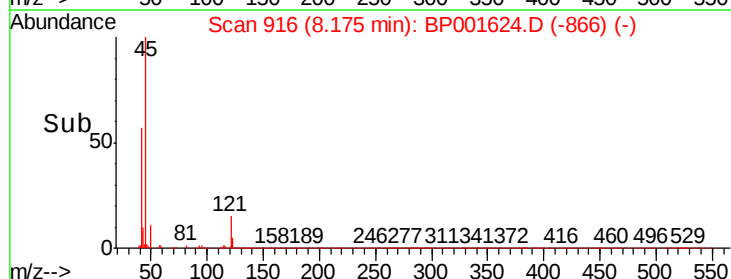
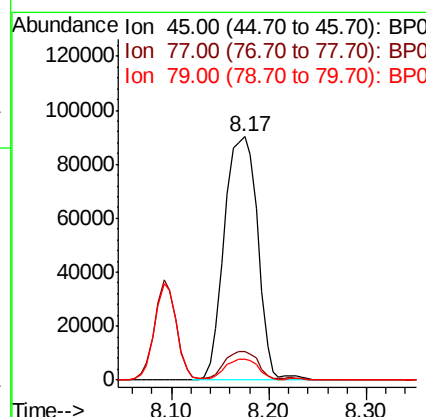
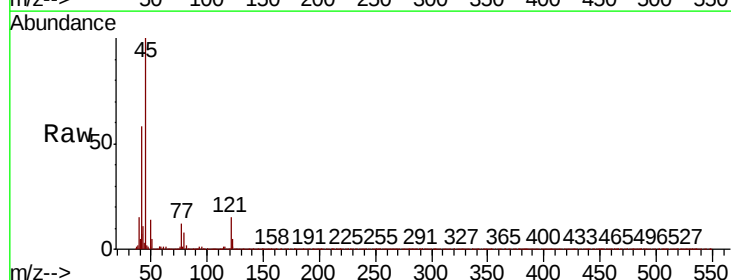
Instrument :
BNA_P
ClientSampleID :
BW-1-3.0MSD

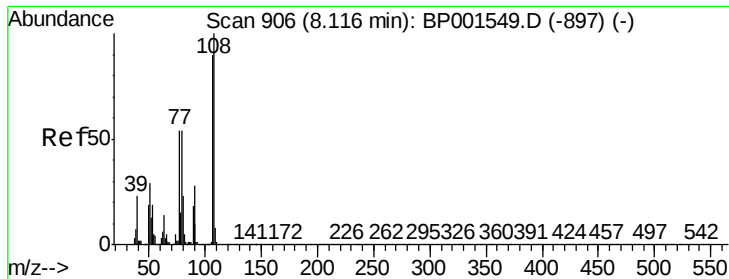
Tot Ion: 79 Resp: 116934
Ion Ratio Lower Upper
79 100
108 64.8 53.2 79.8
77 65.0 52.1 78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.534 ng
RT: 8.17 min Scan# 916
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion: 45 Resp: 214492
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.6
79 8.3 0.0 29.3

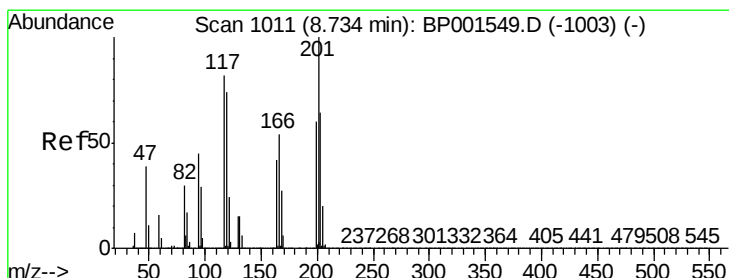
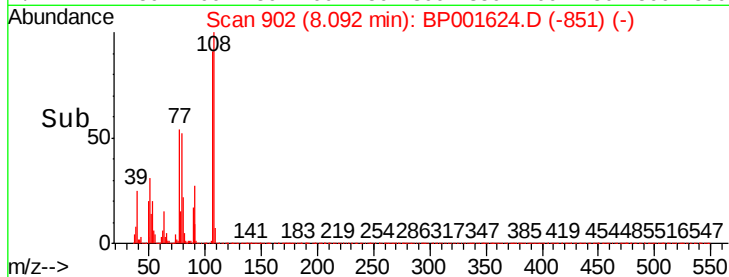
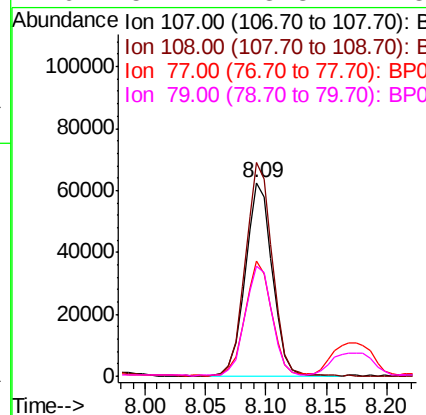
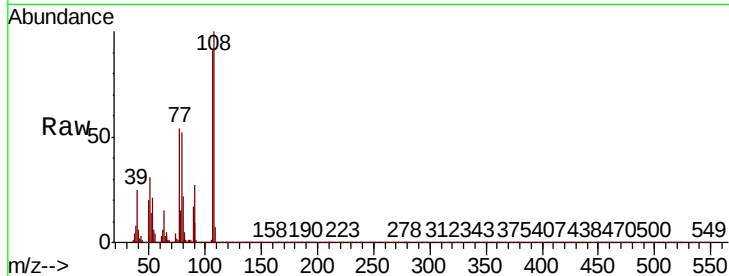




#17
2-Methylphenol
Concen: 41.314 ng
RT: 8.09 min Scan# 902
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

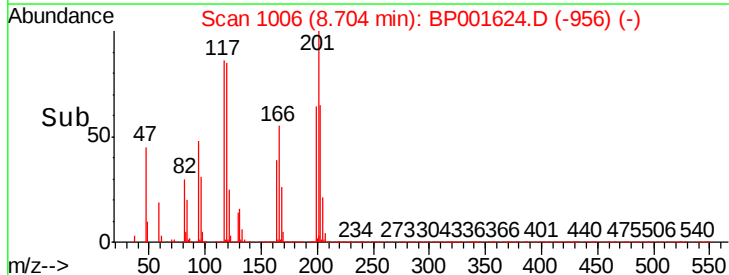
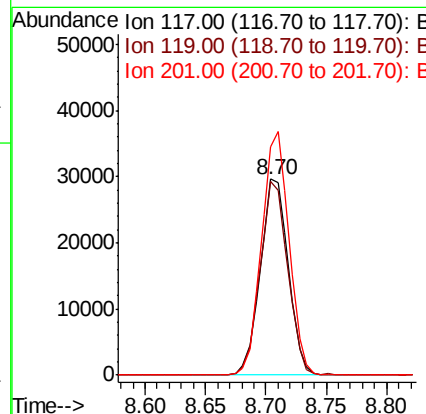
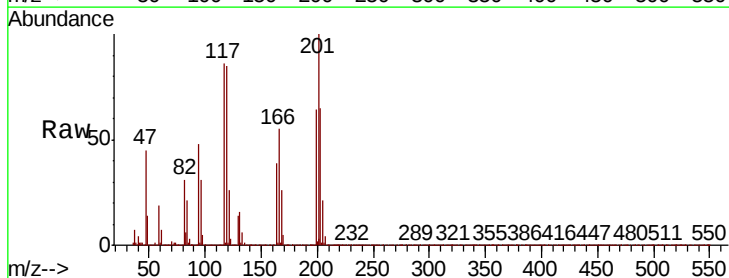
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

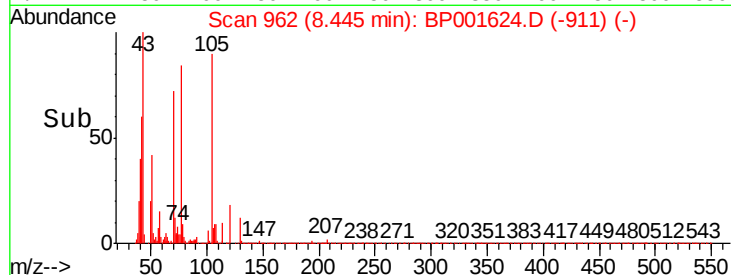
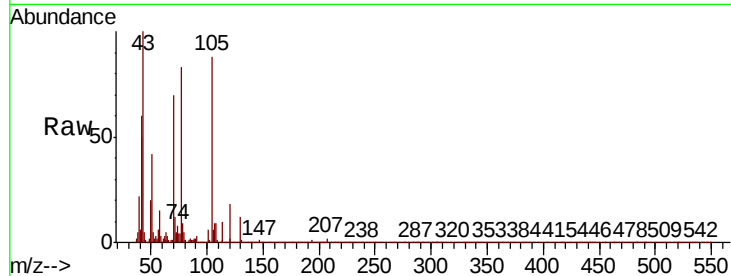
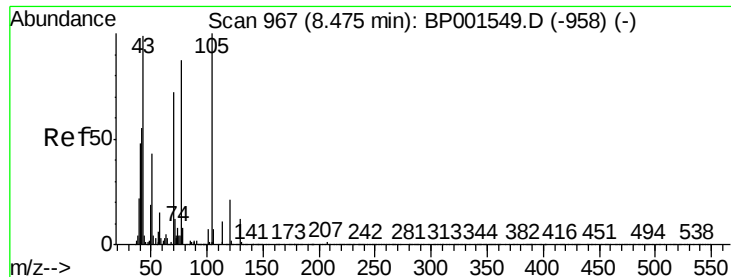
Tot Ion:	107	Resp:	97001
Ion	Ratio	Lower	Upper
107	100		
108	110.4	89.2	133.8
77	59.8	47.9	71.9
79	57.1	48.3	72.5



#18
Hexachloroethane
Concen: 39.347 ng
RT: 8.70 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:	117	Resp:	47677
Ion	Ratio	Lower	Upper
117	100		
119	98.6	71.8	107.8
201	116.7	97.6	146.4

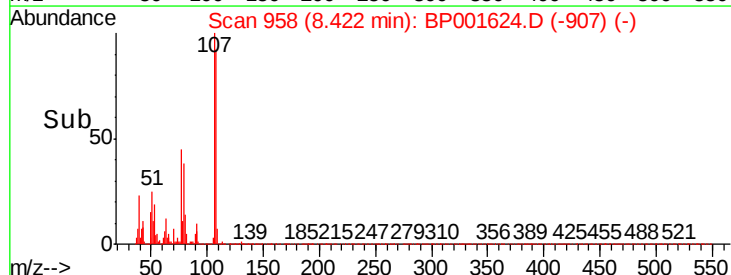
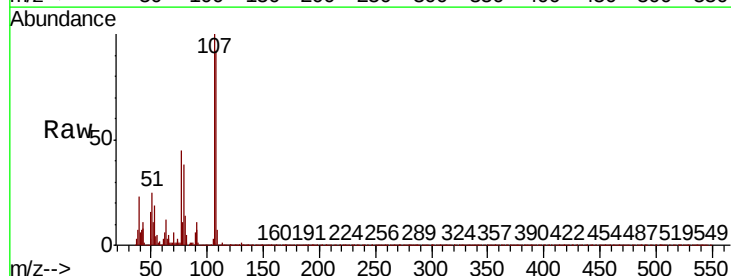
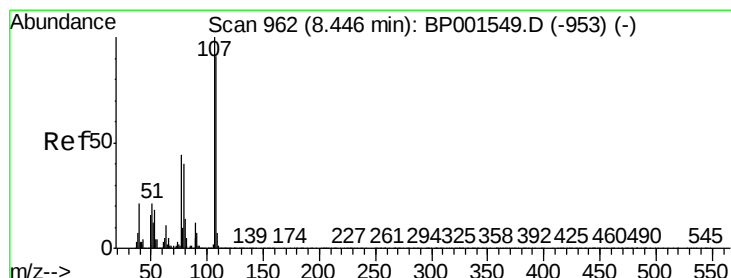
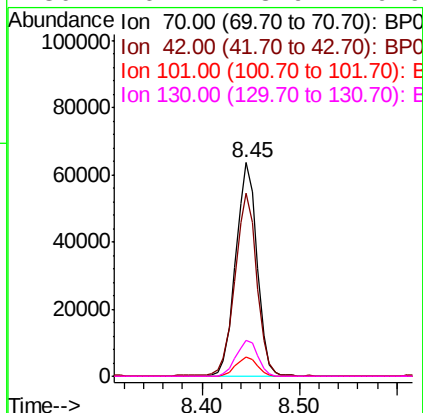




#19
n-Nitroso-di-n-propylamine
Concen: 38.603 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

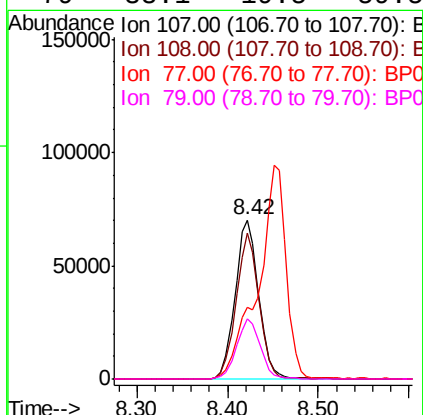
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

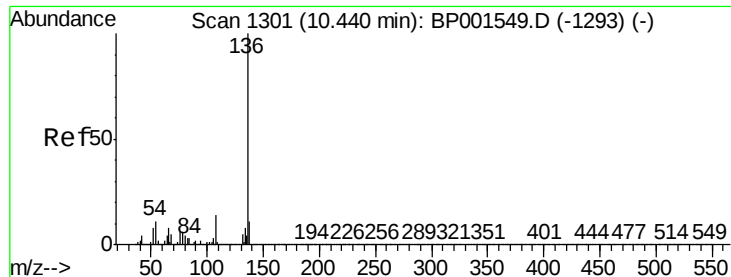
Tot Ion:	70	Resp:	96209
Ion	Ratio	Lower	Upper
70	100		
42	85.6	62.3	93.5
101	8.8	7.3	10.9
130	16.7	13.9	20.9



#20
3+4-Methylphenols
Concen: 38.584 ng
RT: 8.42 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:	107	Resp:	126715
Ion	Ratio	Lower	Upper
107	100		
108	92.1	71.2	111.2
77	45.3	24.4	64.4
79	38.1	19.5	59.5

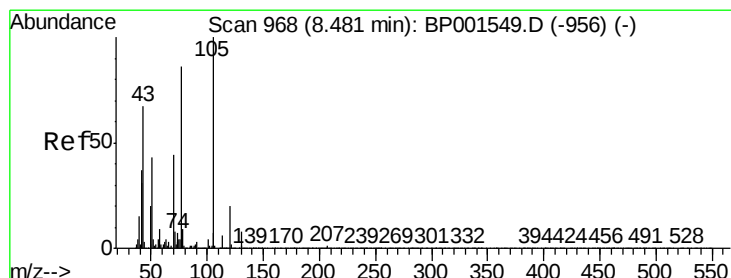
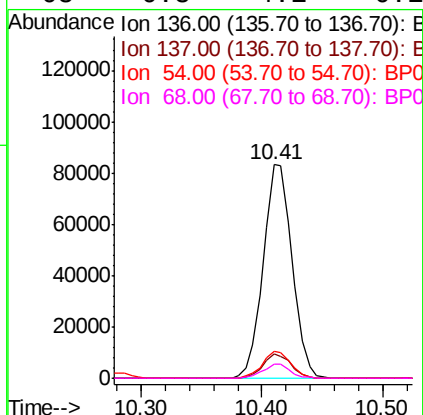
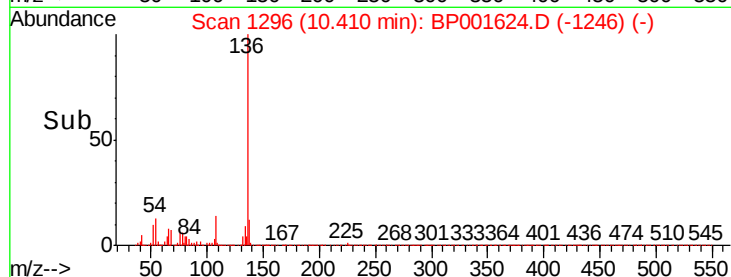
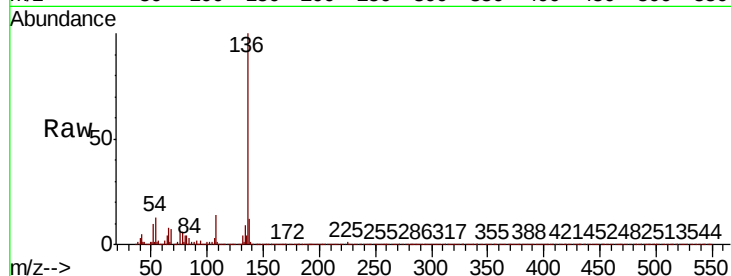




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

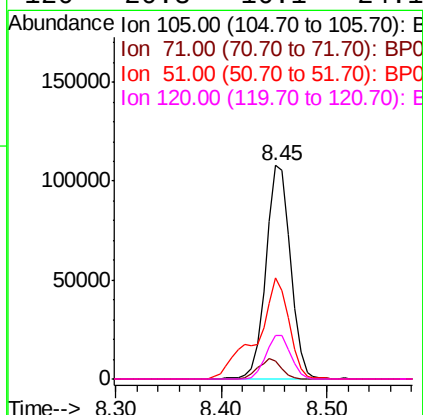
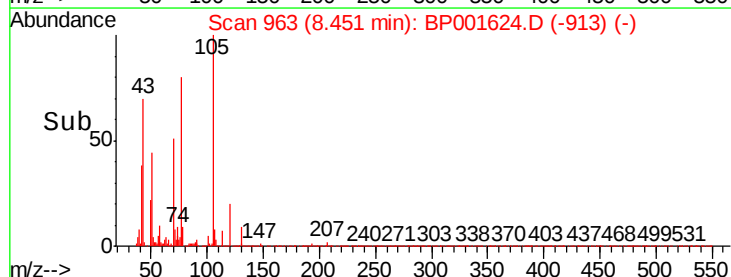
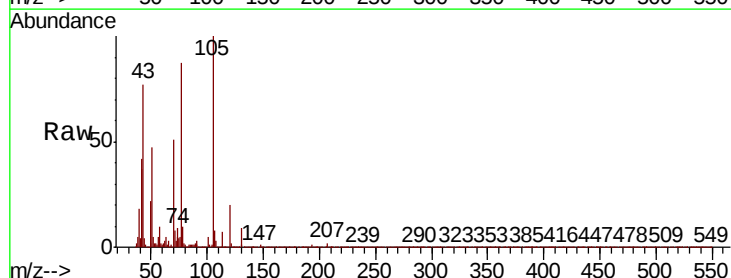
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

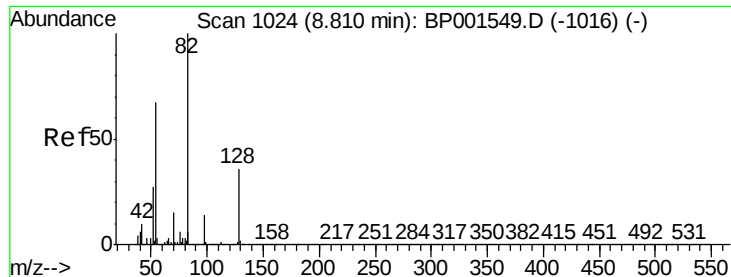
Tot Ion:136	Resp:	138829
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.6 12.8
54	12.6	9.2 13.8
68	6.8	4.1 6.1#



#22
Acetophenone
Concen: 44.628 ng
RT: 8.45 min Scan# 963
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:105	Resp:	173678
Ion Ratio	Lower	Upper
105	100	
71	8.3	6.6 10.0
51	47.3	34.1 51.1
120	20.3	16.1 24.1

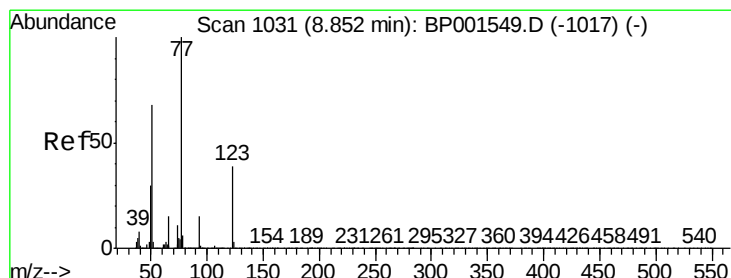
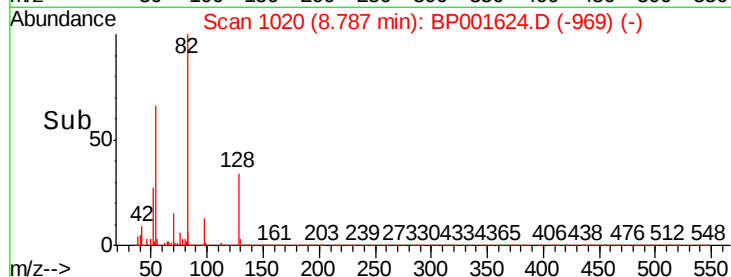
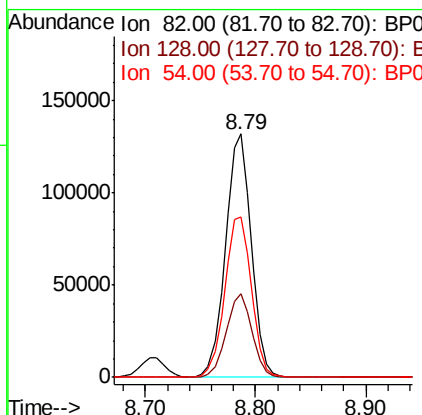
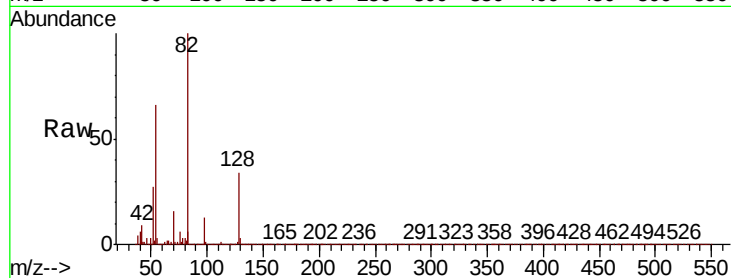




#23
 Nitrobenzene-d5
 Concen: 67.908 ng
 RT: 8.79 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

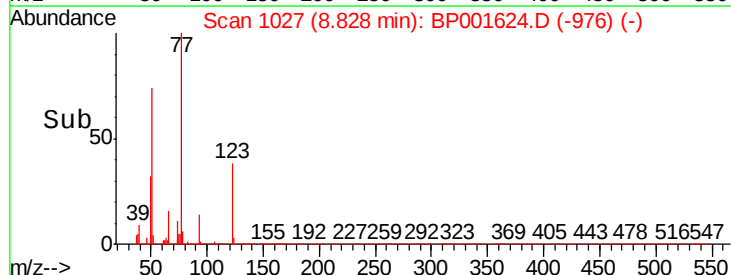
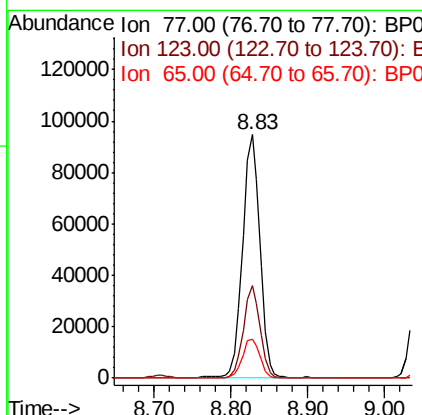
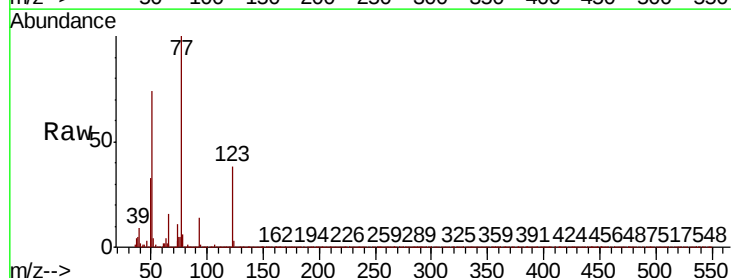
Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0MSD

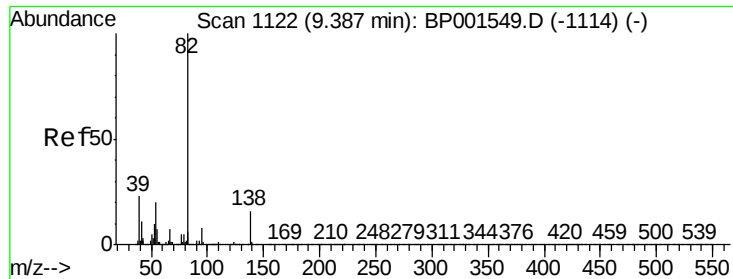
Tot Ion	82	Resp	215746
Ion Ratio	Lower	Upper	
82	100		
128	34.2	28.4	42.6
54	65.9	53.4	80.2



#24
 Nitrobenzene
 Concen: 46.570 ng
 RT: 8.83 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

Tgt Ion	77	Resp	149681
Ion Ratio	Lower	Upper	
77	100		
123	37.8	31.1	46.7
65	16.1	12.4	18.6





#25

Isophorone

Concen: 44.847 ng

RT: 9.35 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

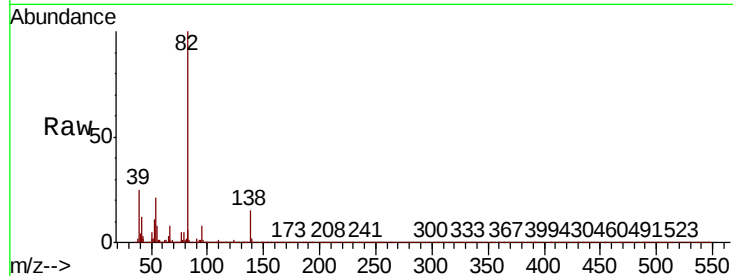
Tot Ion: 82 Resp: 255501

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

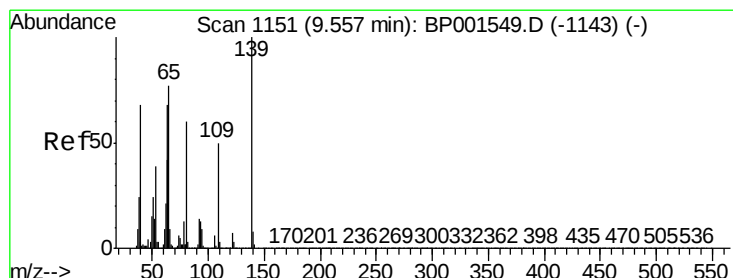
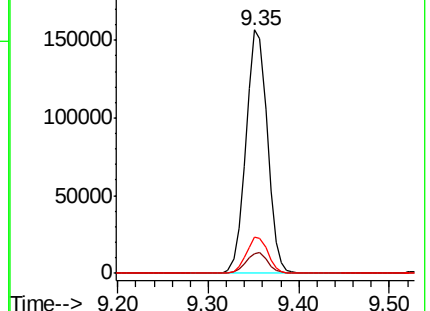
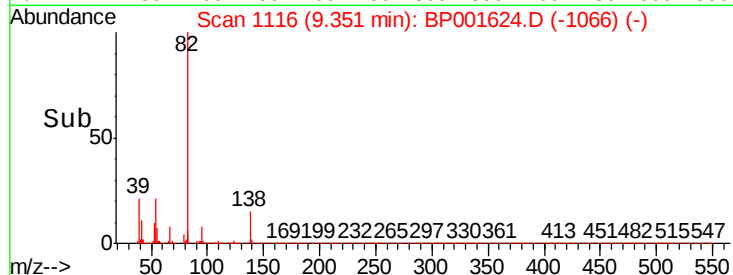
138 14.8 12.5 18.7



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#26

2-Nitrophenol

Concen: 45.362 ng

RT: 9.53 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

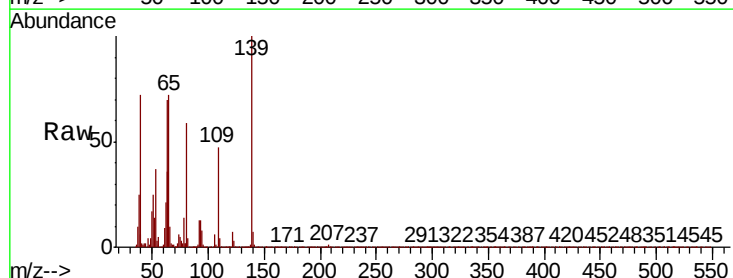
Tgt Ion: 139 Resp: 55100

Ion Ratio Lower Upper

139 100

109 46.7 39.6 59.4

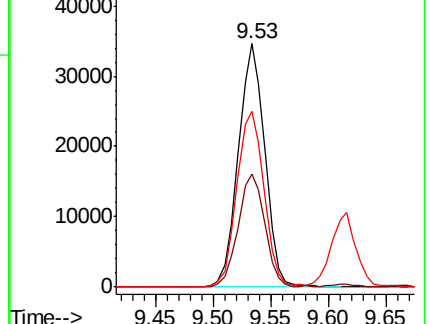
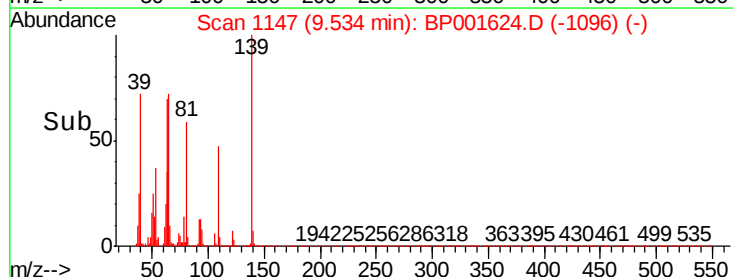
65 72.3 61.3 91.9

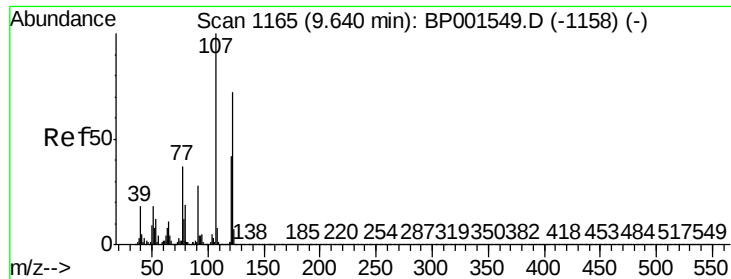


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0





#27

2,4-Dimethylphenol

Concen: 52.477 ng

RT: 9.62 min Scan# 1161

Delta R.T. 0.01 min

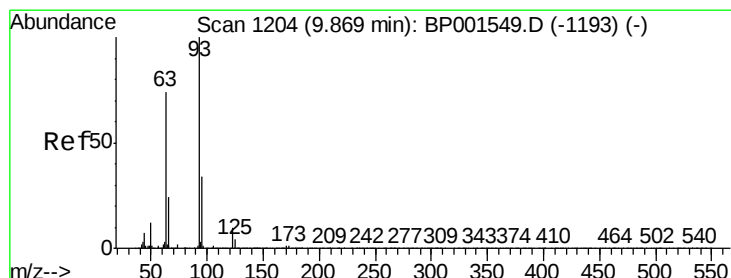
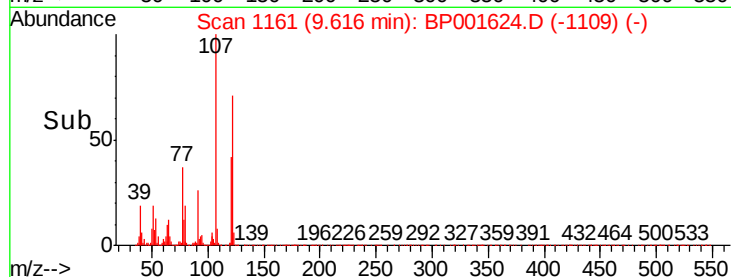
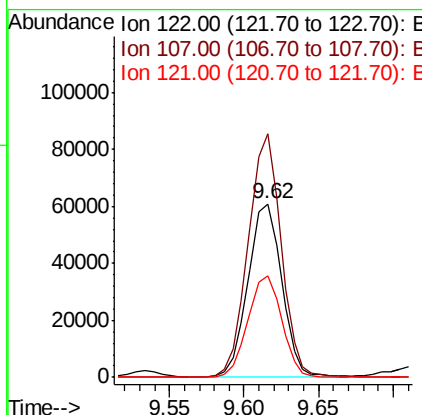
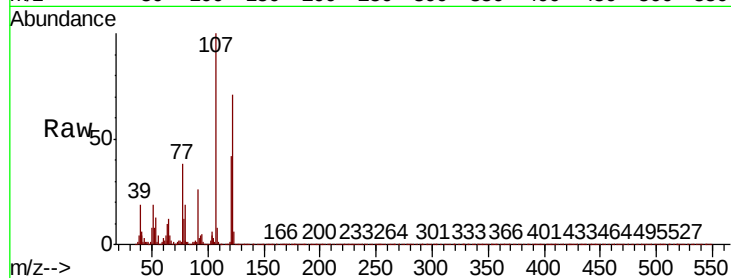
Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

Tot Ion:122 Resp: 95228

Ion	Ratio	Lower	Upper
122	100		
107	140.2	111.8	167.6
121	58.2	47.4	71.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.117 ng

RT: 9.84 min Scan# 1199

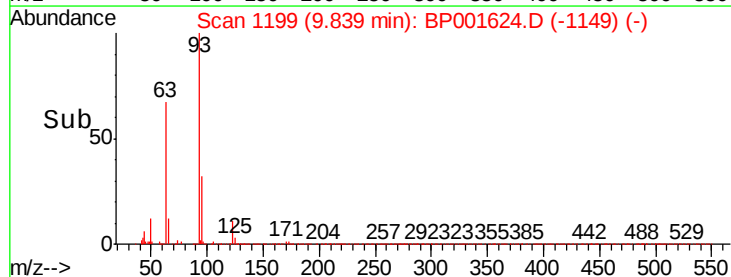
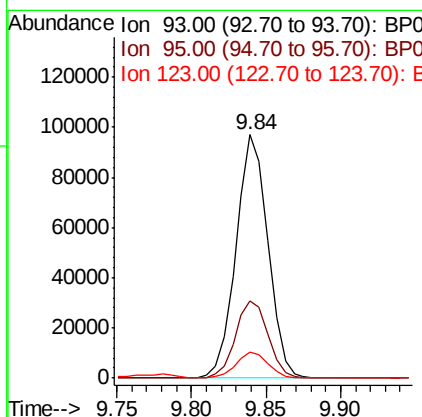
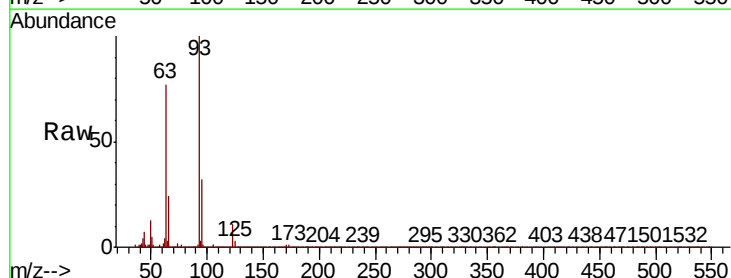
Delta R.T. -0.01 min

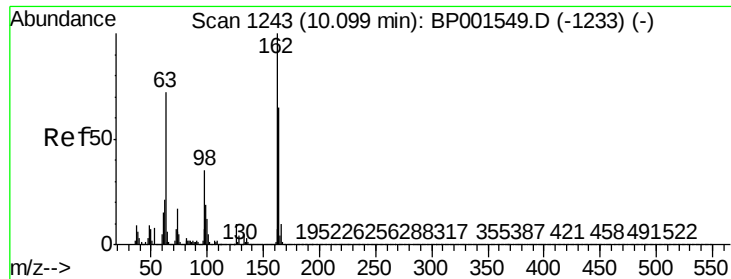
Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Tgt Ion: 93 Resp: 143904

Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.9	40.3
123	10.7	8.0	12.0

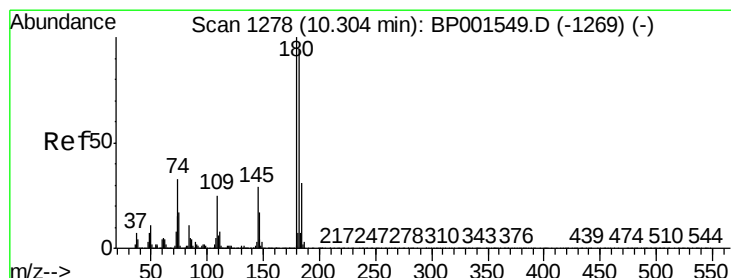
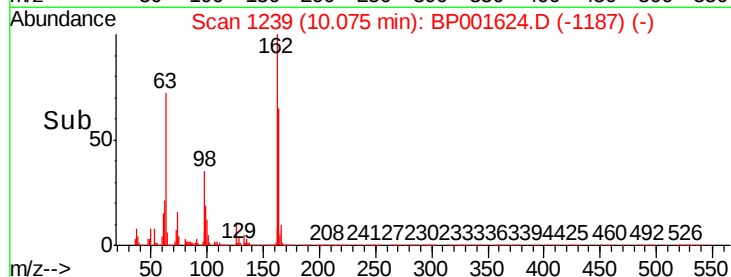
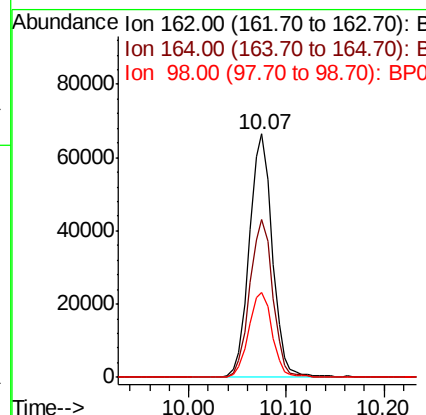
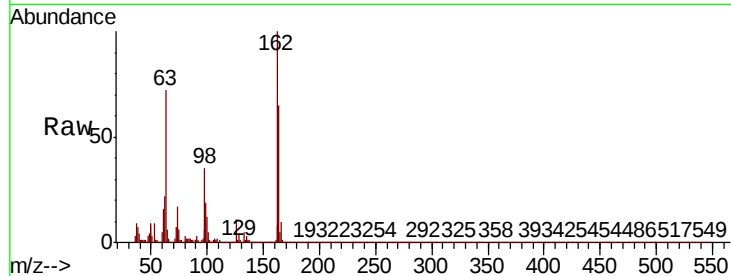




#29
 2,4-Dichlorophenol
 Concen: 43.744 ng
 RT: 10.07 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

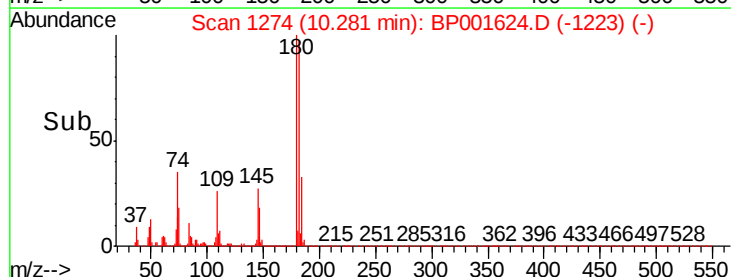
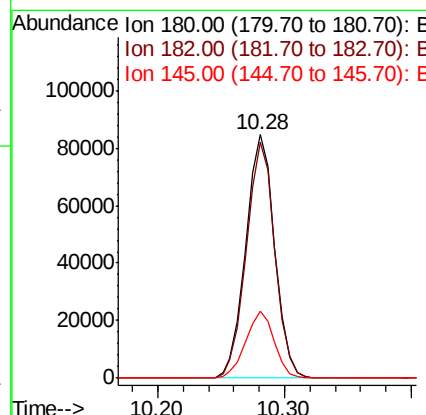
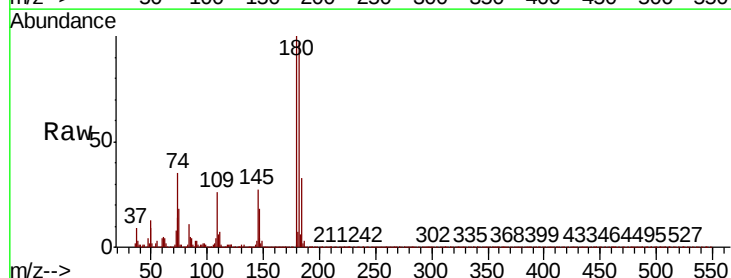
Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0MSD

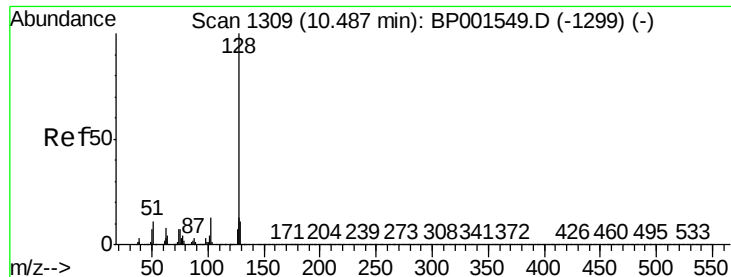
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	44.9	84.9
98	35.0	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 44.577 ng
 RT: 10.28 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.2	112.8
145	27.4	22.9	34.3

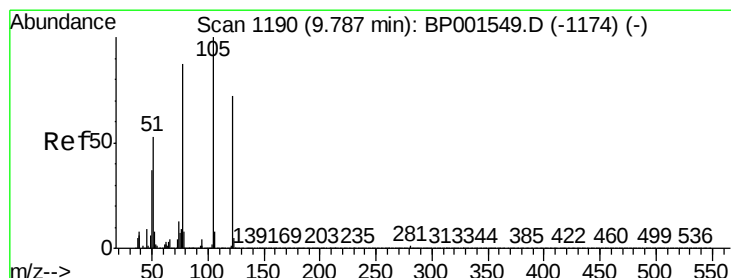
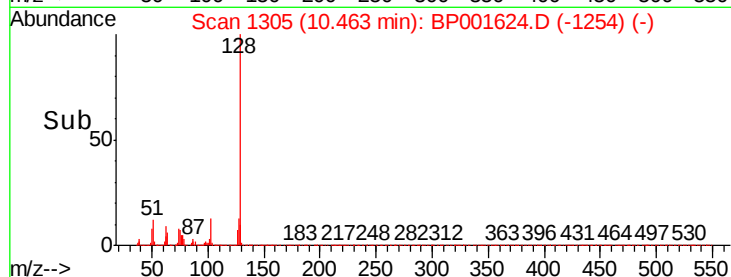
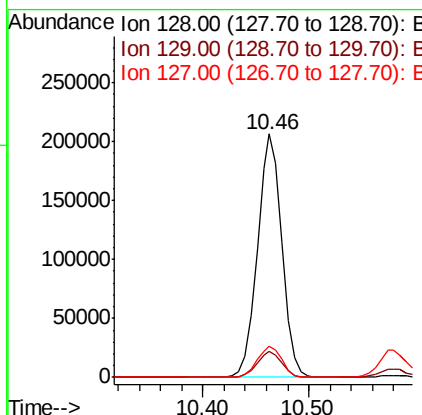
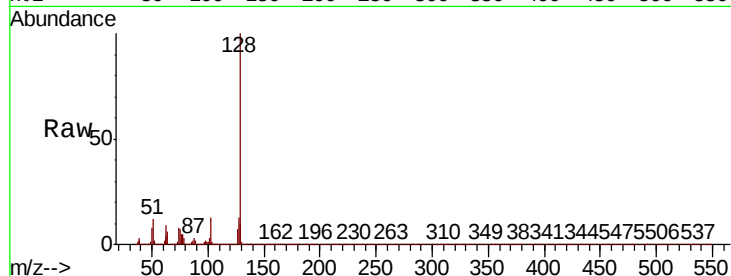




#31
Naphthalene
Concen: 45.117 ng
RT: 10.46 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

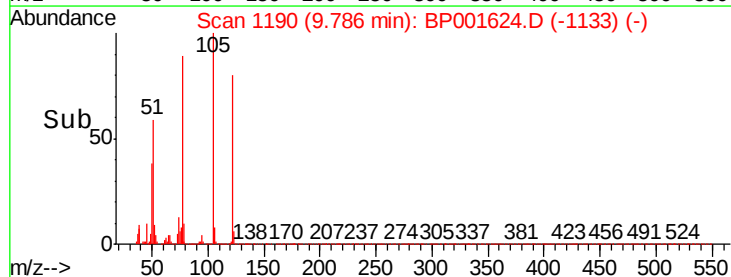
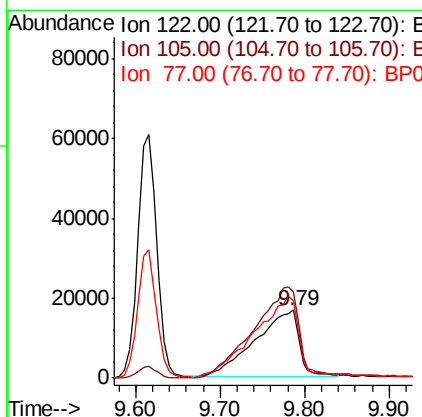
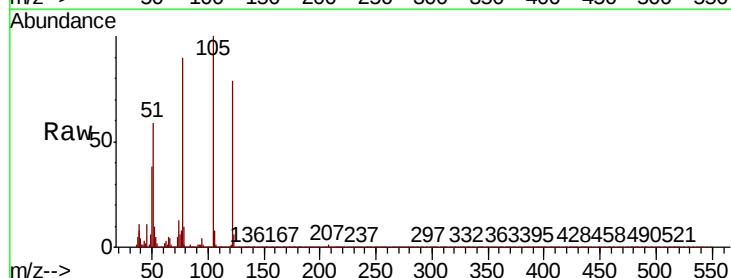
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

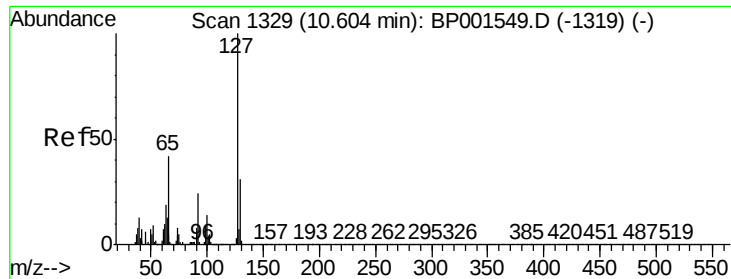
Tot Ion:128 Resp: 330572
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 38.030 ng
RT: 9.79 min Scan# 1190
Delta R.T. 0.03 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:122 Resp: 60340
Ion Ratio Lower Upper
122 100
105 126.5 119.5 159.5
77 113.5 102.8 142.8

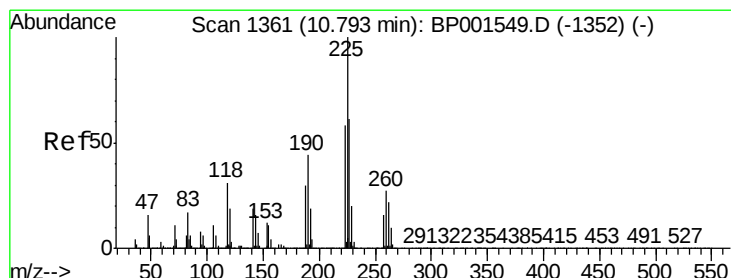
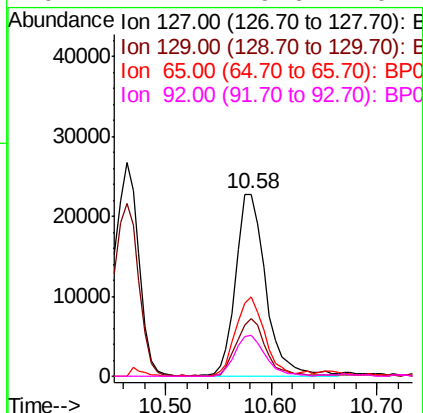
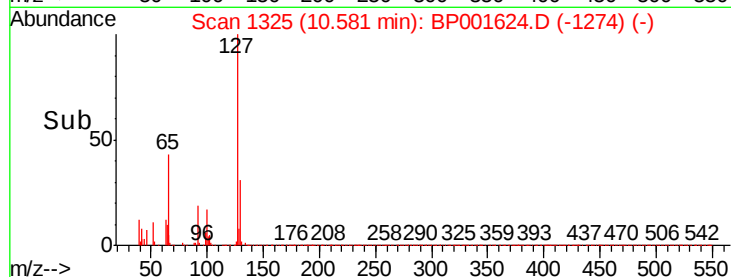
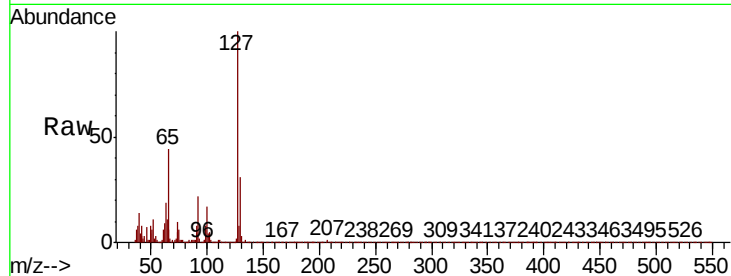




#33
4-Chloroaniline
Concen: 13.281 ng
RT: 10.58 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

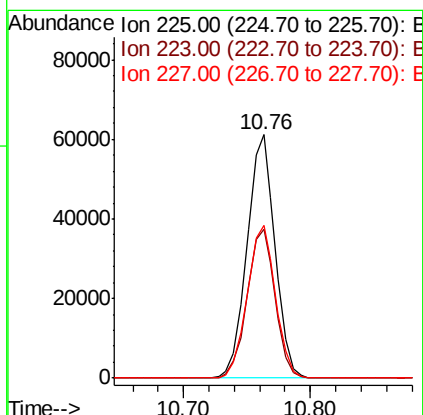
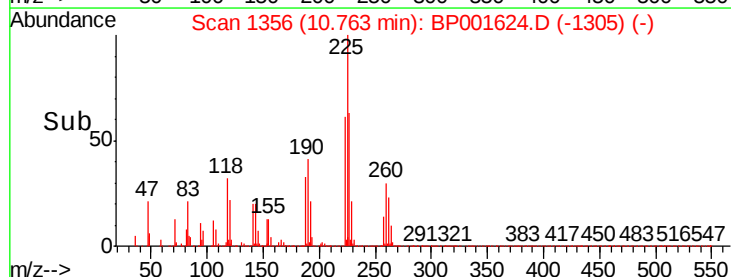
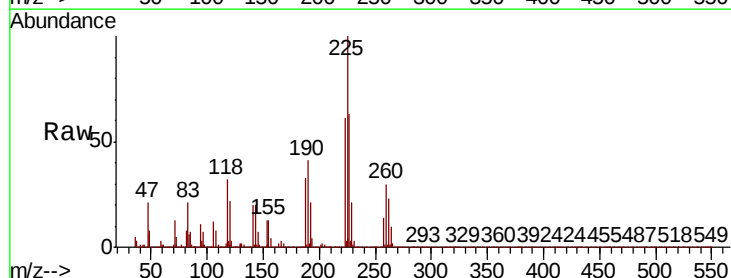
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

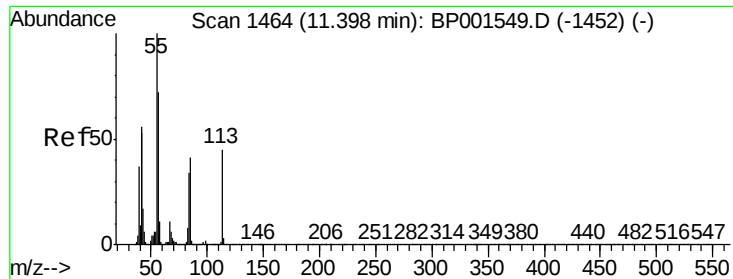
Tot Ion:	127	Resp:	44805
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.9	37.3
65	43.5	33.3	49.9
92	22.2	19.6	29.4



#34
Hexachlorobutadiene
Concen: 43.983 ng
RT: 10.76 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:	225	Resp:	93360
Ion	Ratio	Lower	Upper
225	100		
223	61.4	46.5	69.7
227	62.6	48.8	73.2

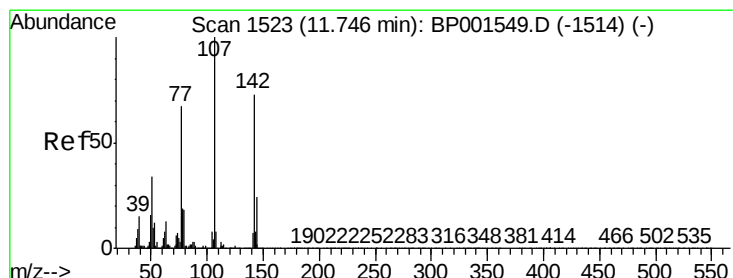
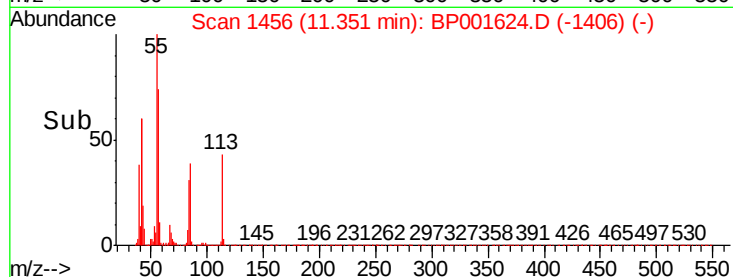
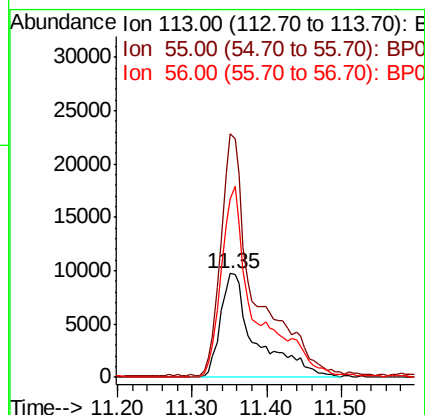
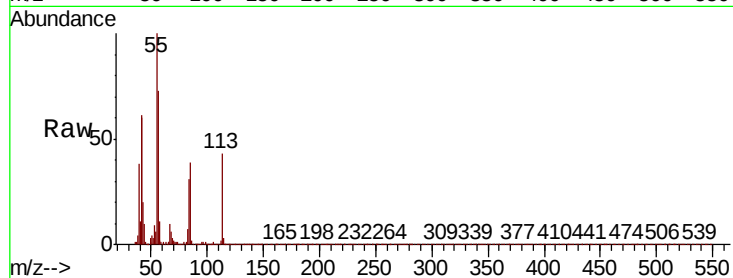




#35
Caprolactam
Concen: 35.527 ng
RT: 11.35 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

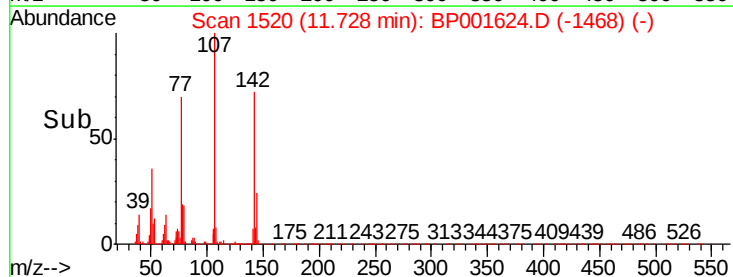
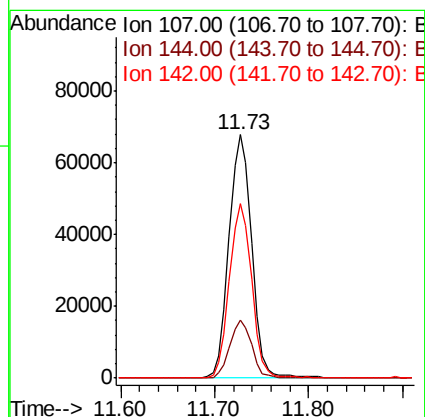
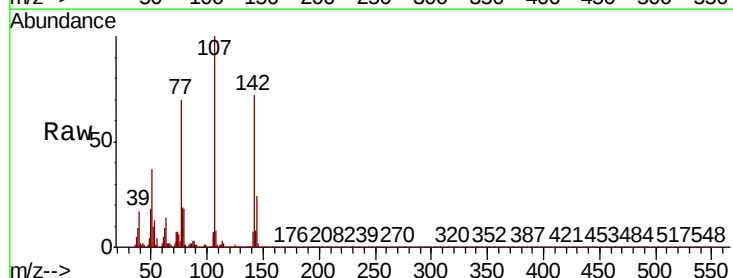
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

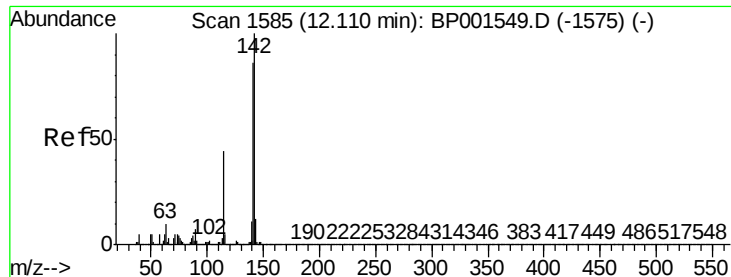
Tot Ion:113 Resp: 32045
Ion Ratio Lower Upper
113 100
55 235.0 202.7 242.7
56 172.6 140.0 180.0



#36
4-Chloro-3-methylphenol
Concen: 38.267 ng
RT: 11.73 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:107 Resp: 114073
Ion Ratio Lower Upper
107 100
144 23.9 18.9 28.3
142 71.8 58.0 87.0

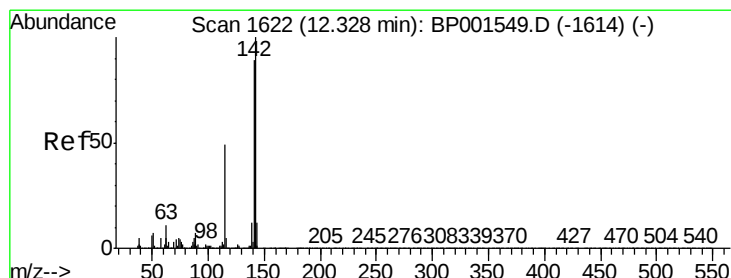
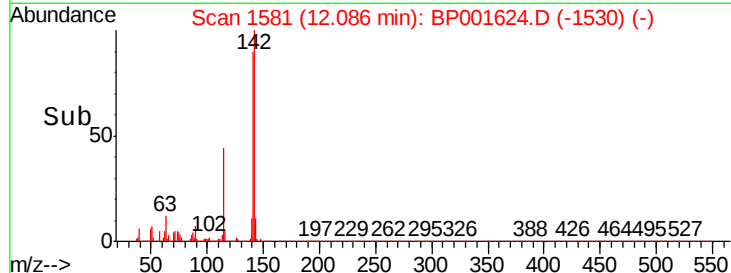
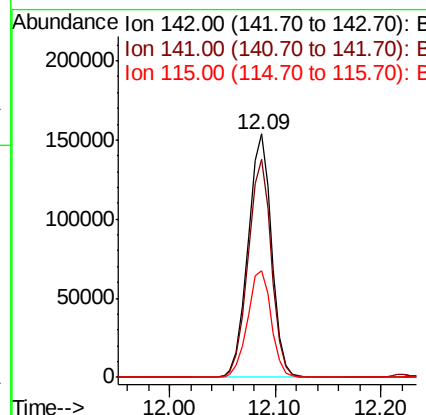
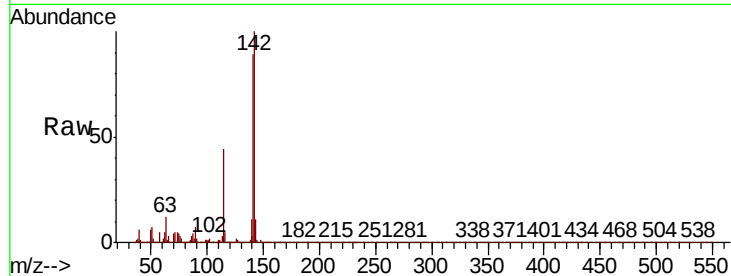




#37
2-Methylnaphthalene
Concen: 40.672 ng
RT: 12.09 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

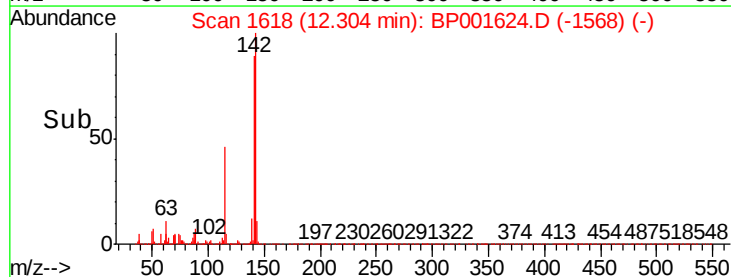
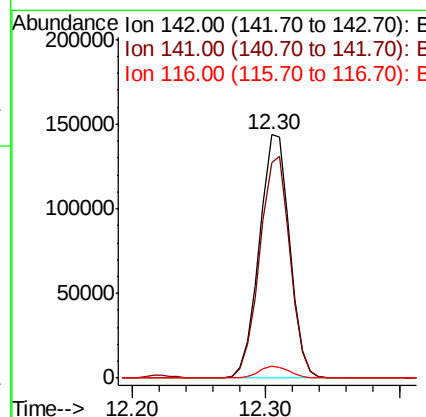
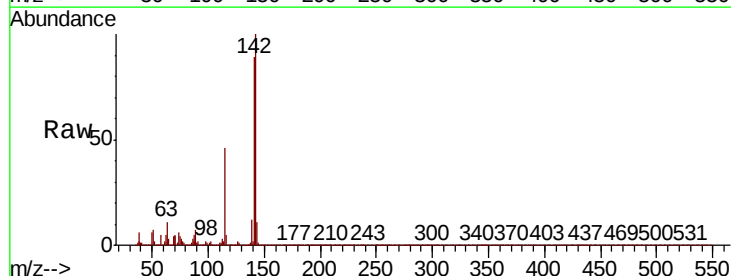
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

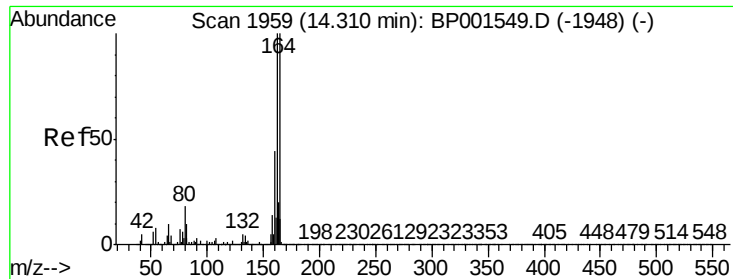
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	68.4	102.6
115	44.0	35.1	52.7



#38
1-Methylnaphthalene
Concen: 39.985 ng
RT: 12.30 min Scan# 1618
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3
116	5.0	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

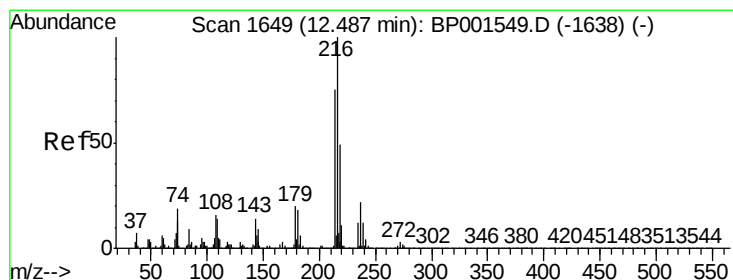
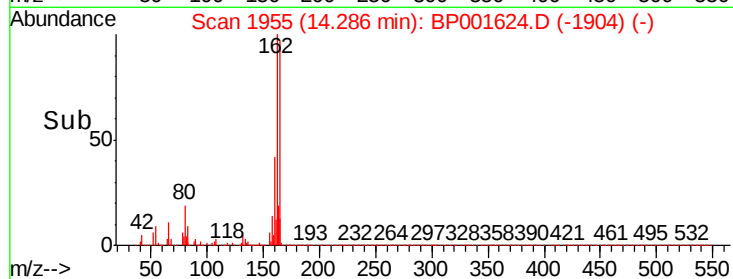
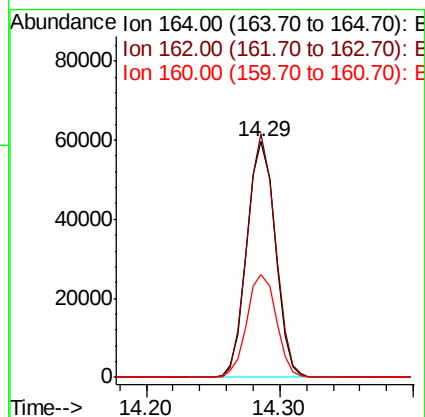
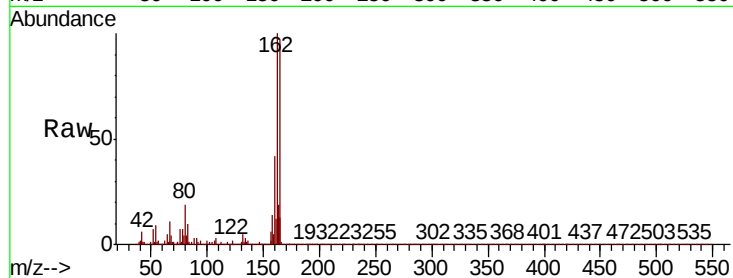
Tot Ion:164 Resp: 87583

Ion Ratio Lower Upper

164 100

162 103.4 79.8 119.6

160 43.8 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.129 ng

RT: 12.46 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Tgt Ion:216 Resp: 150397

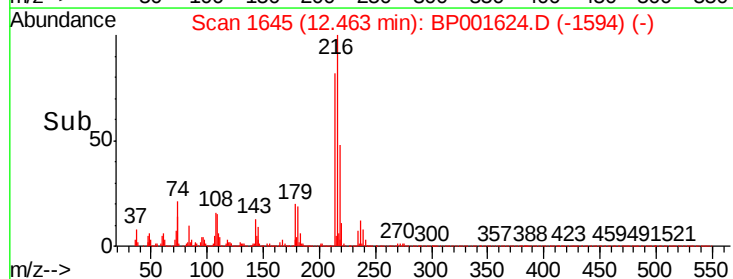
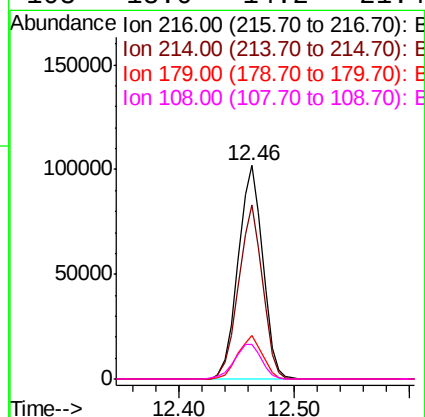
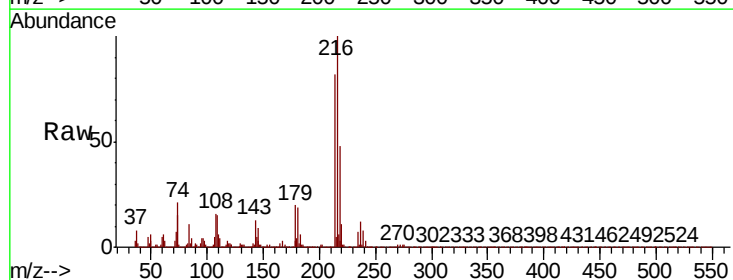
Ion Ratio Lower Upper

216 100

214 79.7 61.3 91.9

179 20.4 15.7 23.5

108 18.0 14.2 21.4





#41

Hexachlorocyclopentadiene

Concen: 42.625 ng

RT: 12.45 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

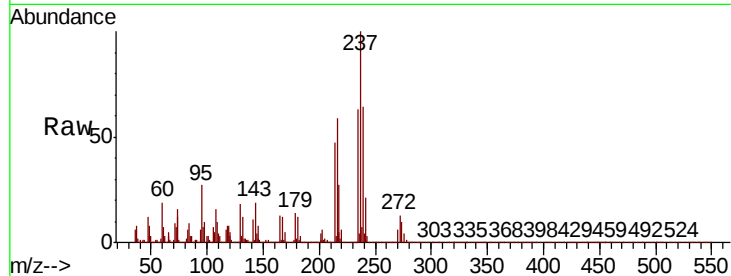
Tot Ion:237 Resp: 64869

Ion Ratio Lower Upper

237 100

235 62.9 41.6 81.6

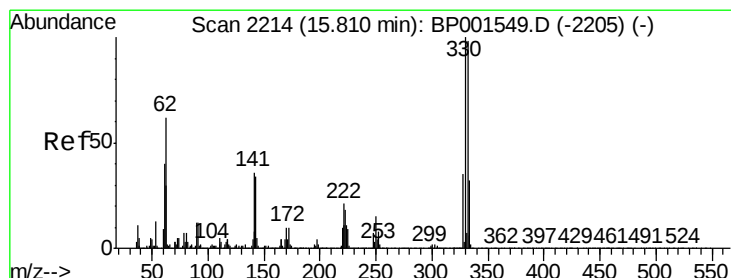
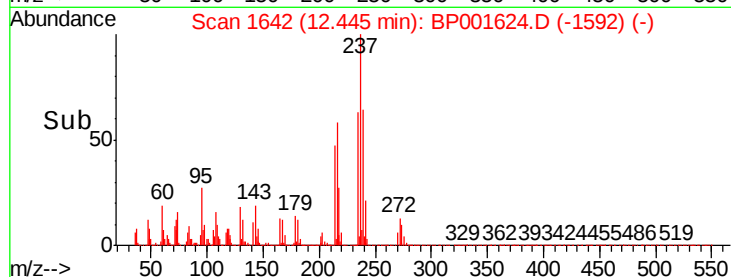
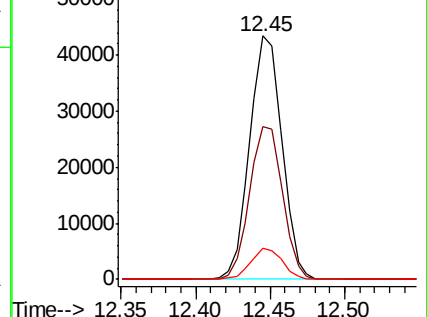
272 12.7 0.0 31.2



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.726 ng

RT: 15.79 min Scan# 2211

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

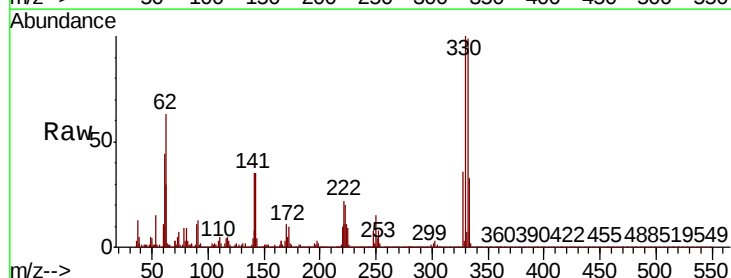
Tgt Ion:330 Resp: 112956

Ion Ratio Lower Upper

330 100

332 97.0 77.8 116.6

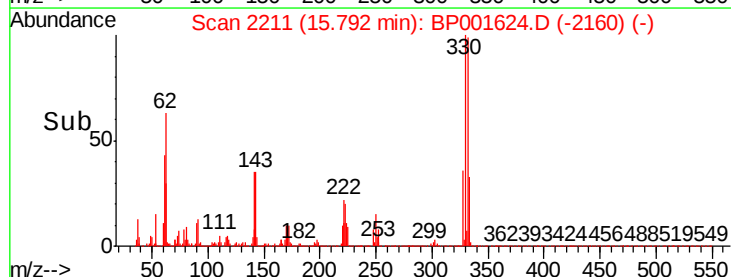
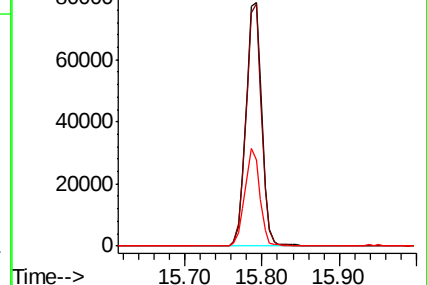
141 38.1 28.7 43.1

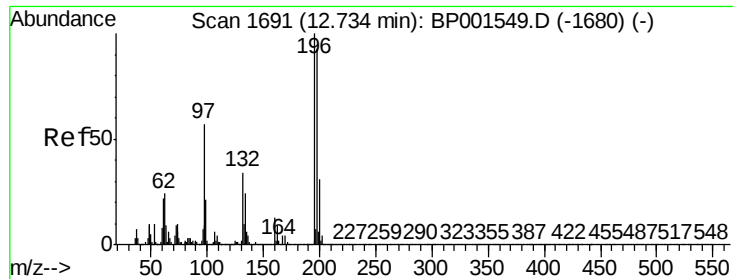


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 48.970 ng

RT: 12.71 min Scan# 1687

Delta R.T. -0.00 min

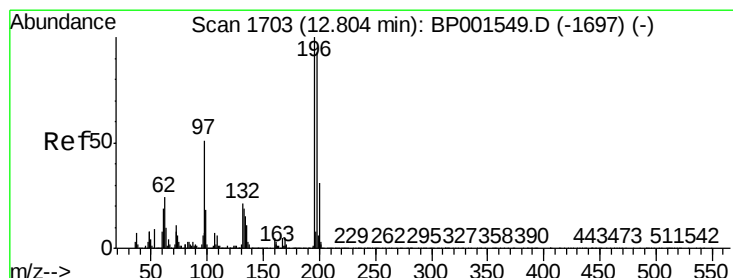
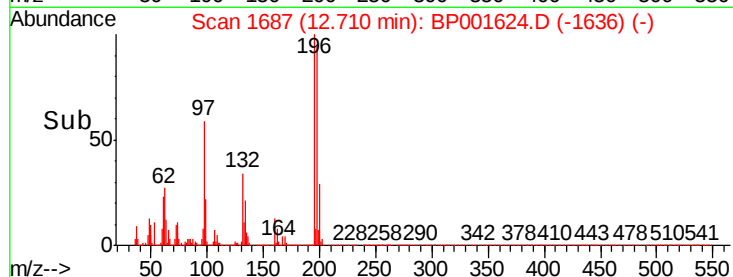
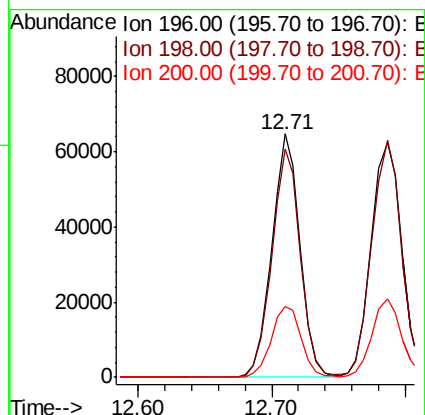
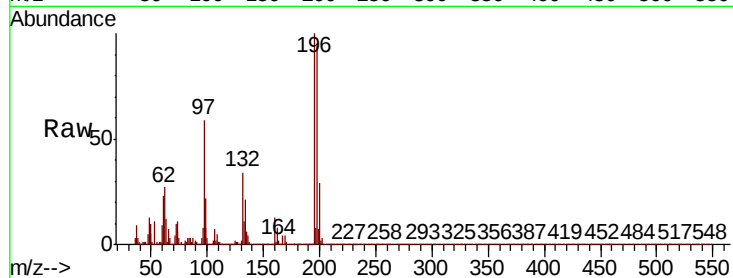
Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

Tot Ion:196 Resp: 94754

Ion	Ratio	Lower	Upper
196	100		
198	93.6	74.2	111.4
200	29.3	24.6	37.0



#44

2,4,5-Trichlorophenol

Concen: 48.121 ng

RT: 12.79 min Scan# 1700

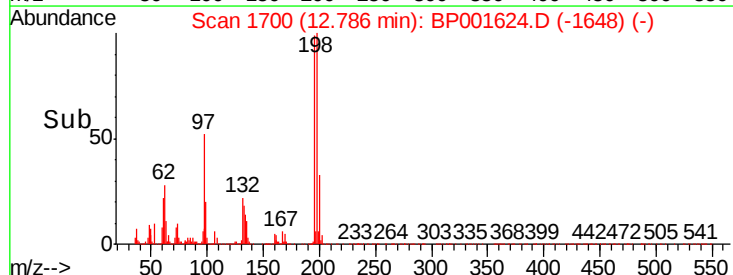
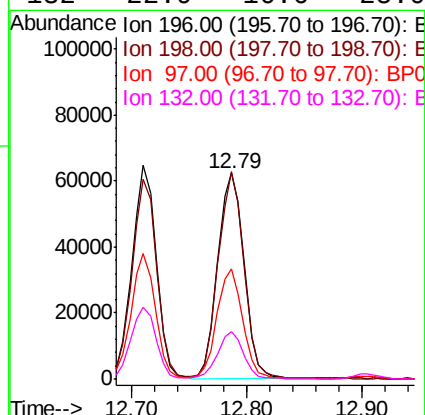
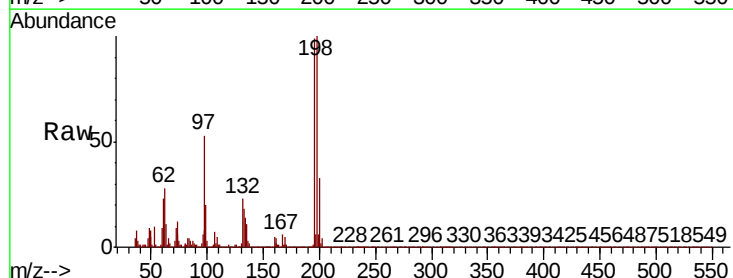
Delta R.T. 0.01 min

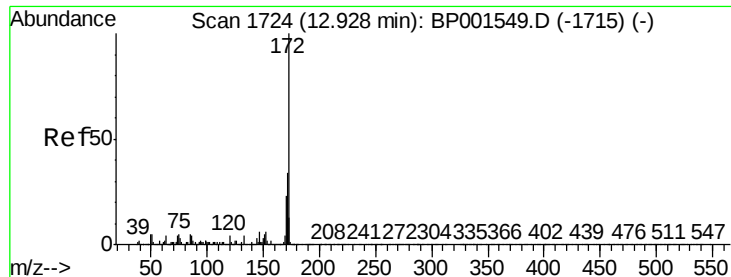
Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Tgt Ion:196 Resp: 98944

Ion	Ratio	Lower	Upper
196	100		
198	100.9	74.6	111.8
97	53.3	41.0	61.6
132	22.9	16.6	25.0

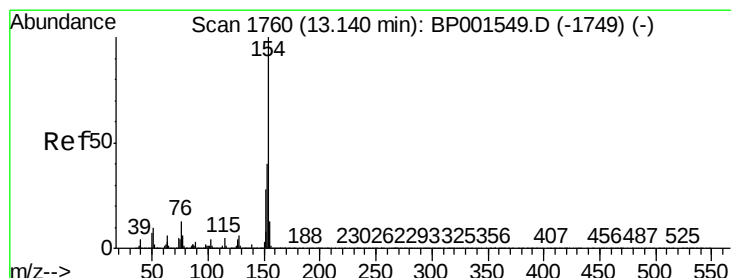
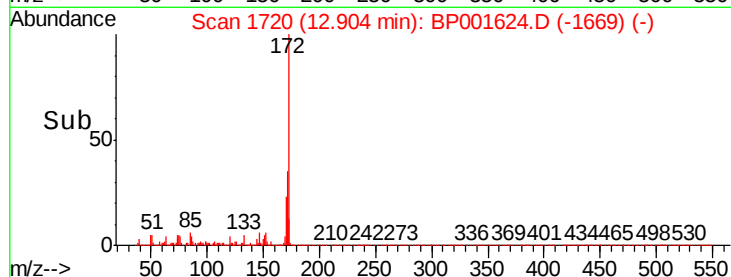
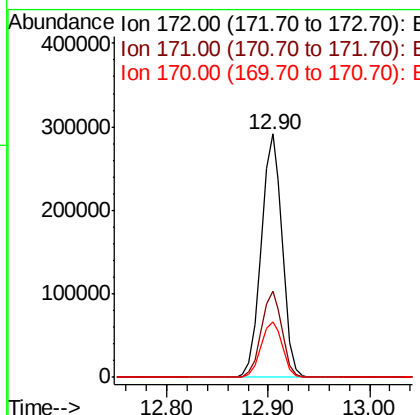
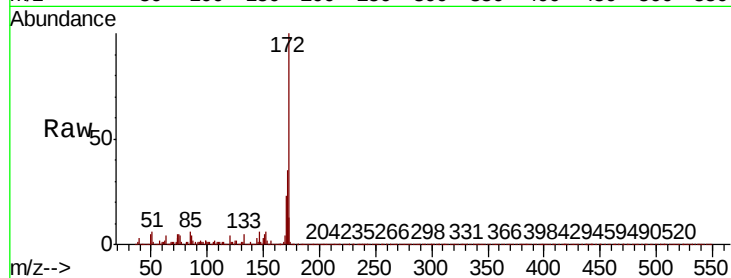




#45
2-Fluorobiphenyl
Concen: 70.277 ng
RT: 12.90 min Scan# 1720
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

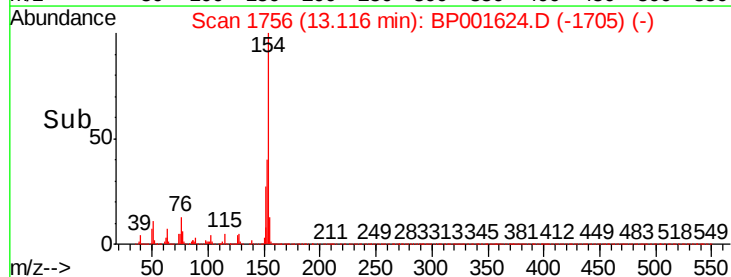
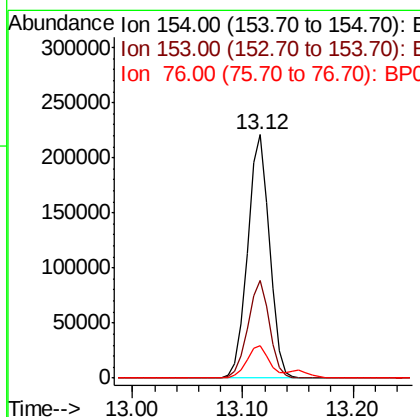
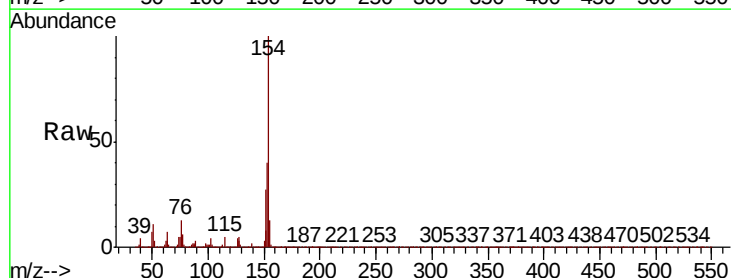
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

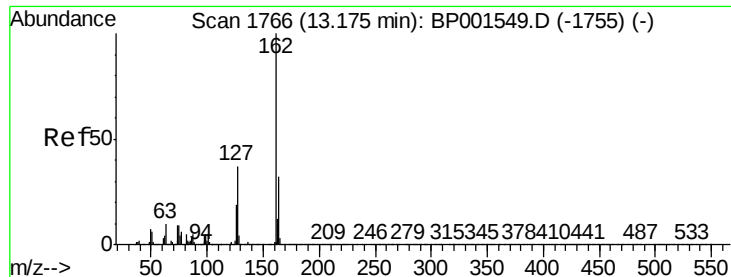
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.6	41.4
170	22.7	18.3	27.5



#46
1,1'-Biphenyl
Concen: 48.979 ng
RT: 13.12 min Scan# 1756
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	19.5	59.5
76	13.2	0.0	33.1

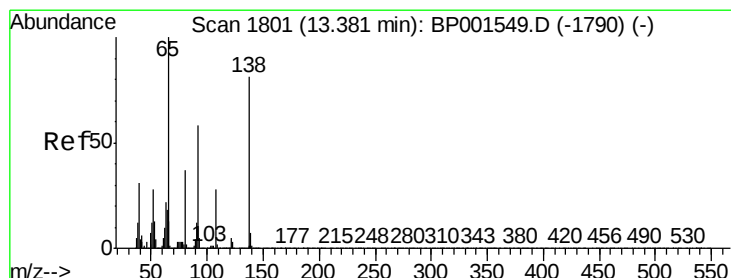
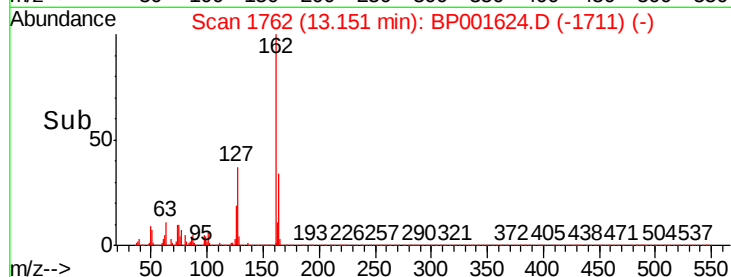
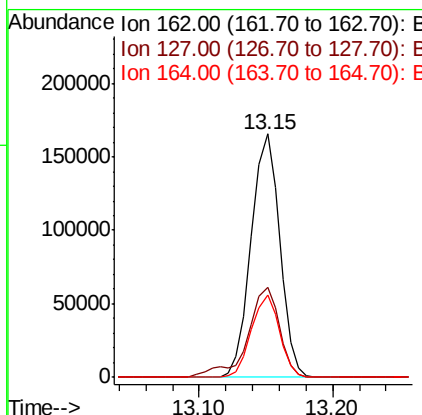
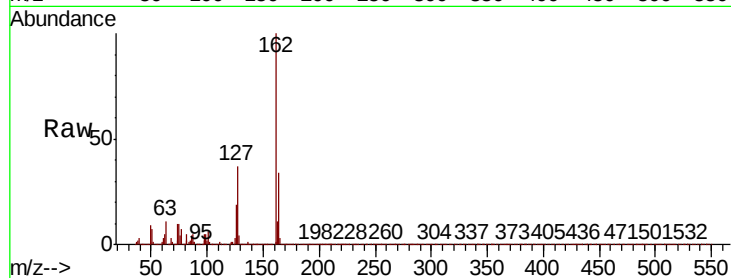




#47
2-Chloronaphthalene
Concen: 46.905 ng
RT: 13.15 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

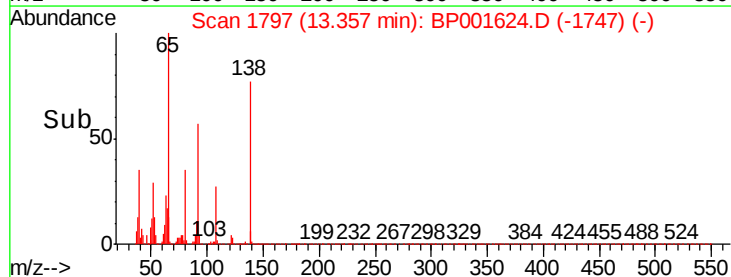
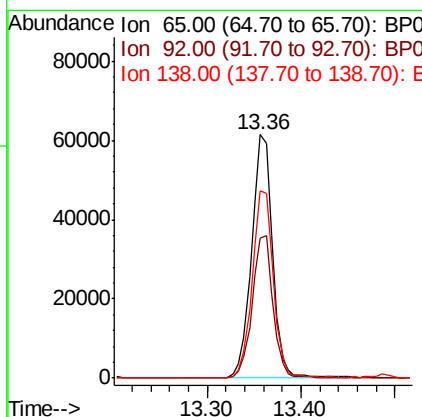
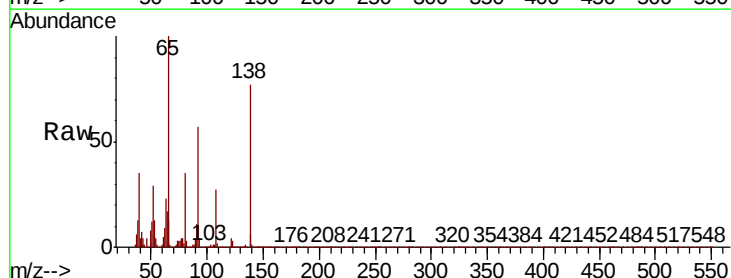
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

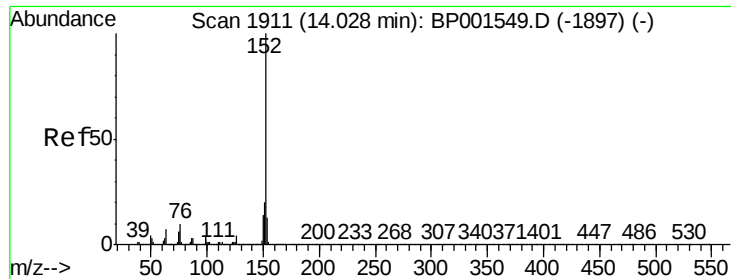
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.8	29.9	44.9
164	33.8	26.0	39.0



#48
2-Nitroaniline
Concen: 46.286 ng
RT: 13.36 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.3	46.2	69.2
138	76.9	64.7	97.1





#49

Acenaphthylene

Concen: 51.789 ng

RT: 14.00 min Scan# 1907

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

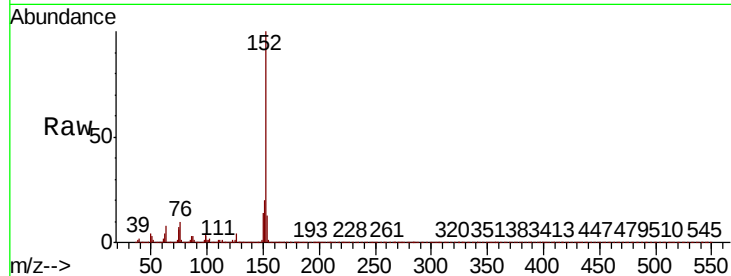
Tot Ion:152 Resp: 416620

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.9	23.9
153	13.3	10.4	15.6

152 100

151 19.5 15.9 23.9

153 13.3 10.4 15.6

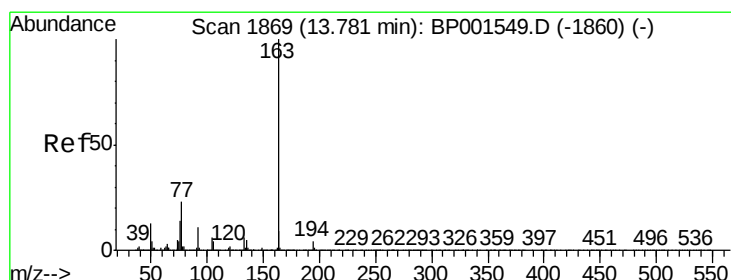
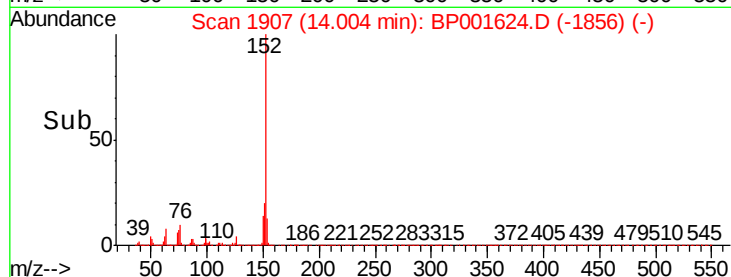
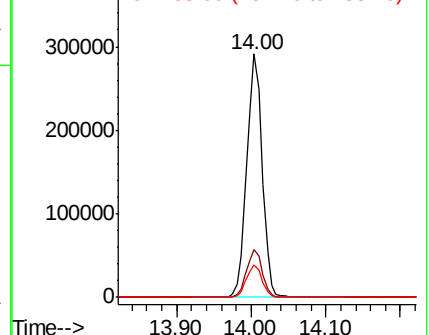


Abundance

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: 46.932 ng

RT: 13.76 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

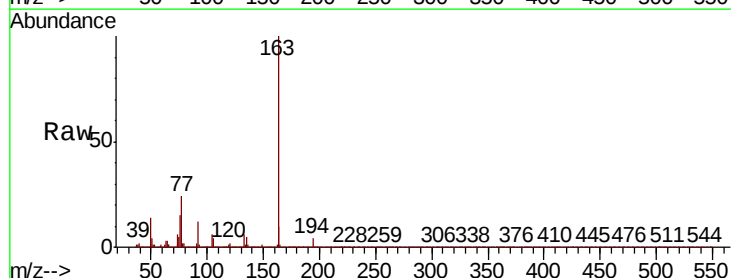
Tgt Ion:163 Resp: 338558

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	10.3	7.5	11.3

163 100

194 4.4 3.6 5.4

164 10.3 7.5 11.3

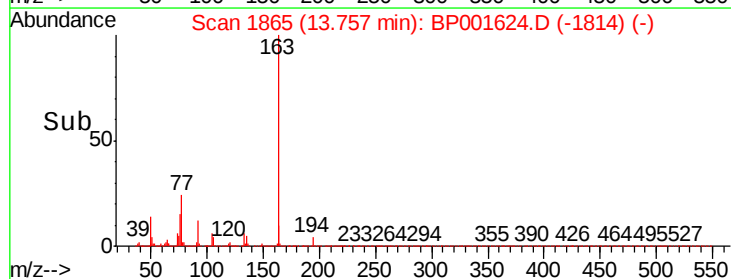
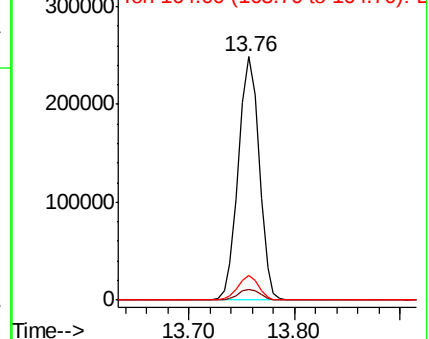


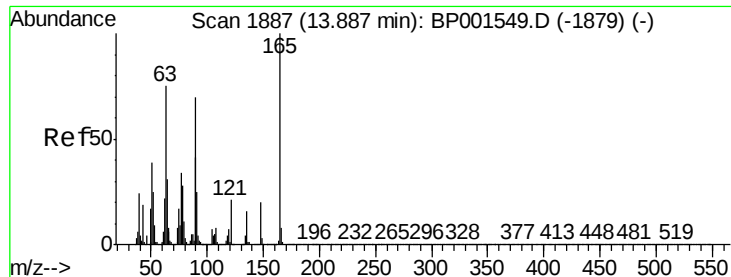
Abundance

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

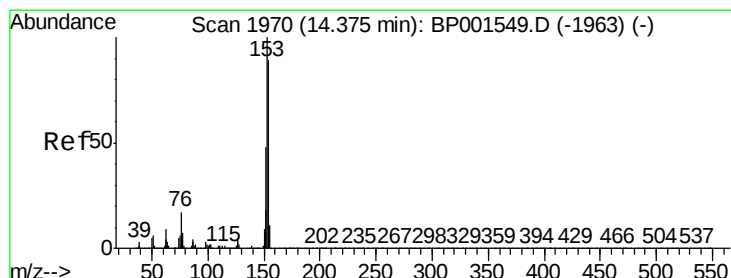
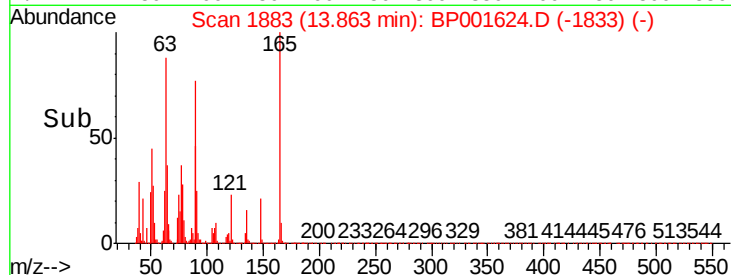
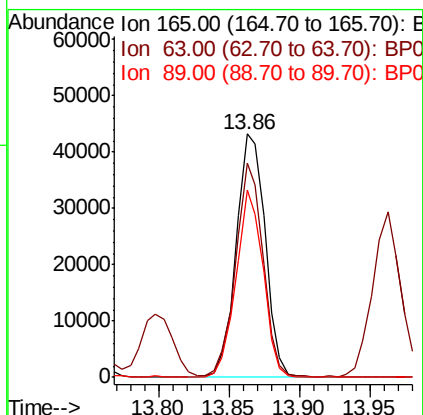
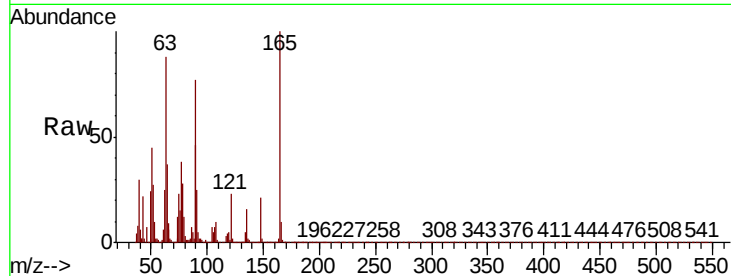




#51
2,6-Dinitrotoluene
Concen: 40.383 ng
RT: 13.86 min Scan# 1883
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

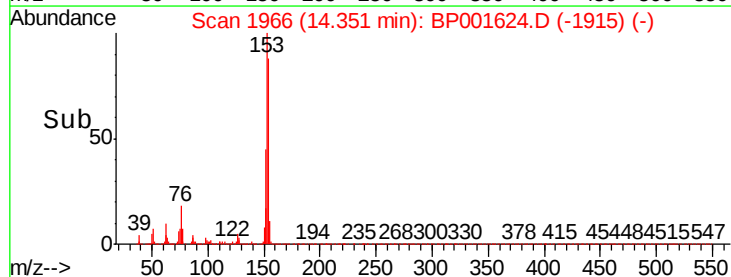
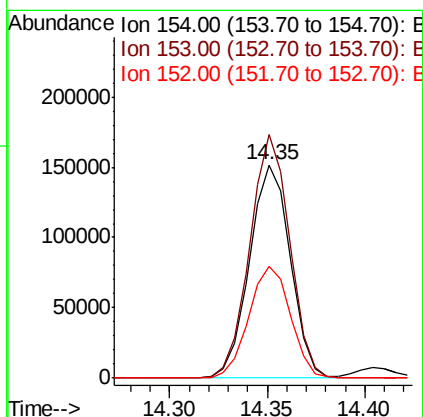
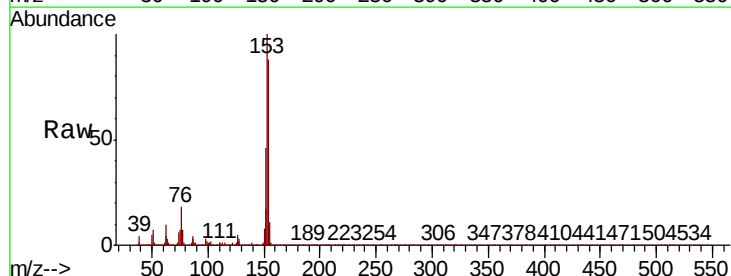
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

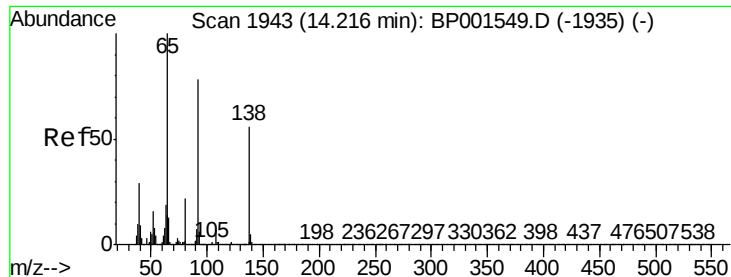
Tot Ion:165 Resp: 61776
Ion Ratio Lower Upper
165 100
63 87.8 60.9 91.3
89 76.7 55.7 83.5



#52
Acenaphthene
Concen: 44.059 ng
RT: 14.35 min Scan# 1966
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:154 Resp: 219512
Ion Ratio Lower Upper
154 100
153 114.2 89.4 134.2
152 52.2 42.6 64.0

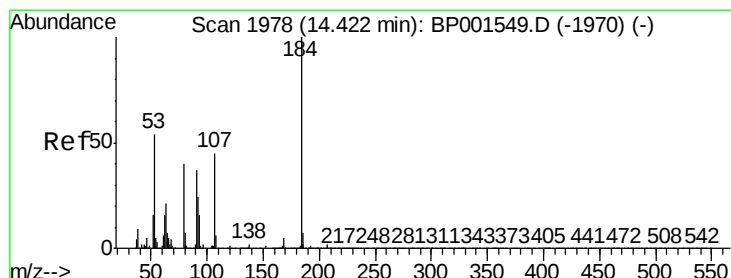
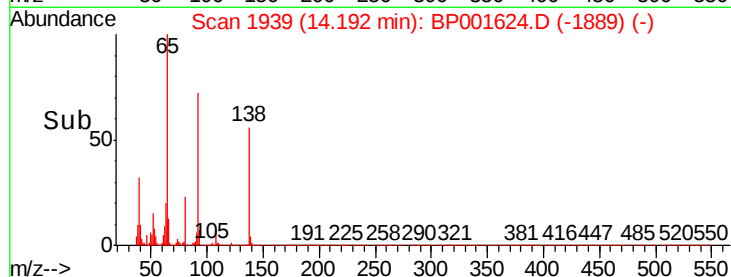
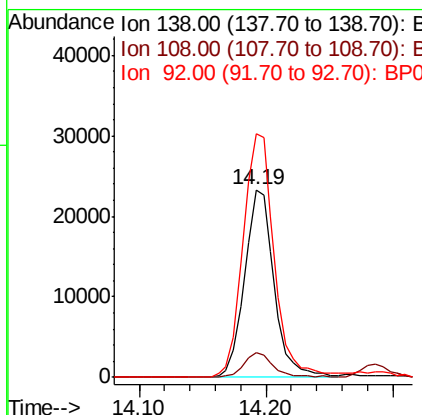
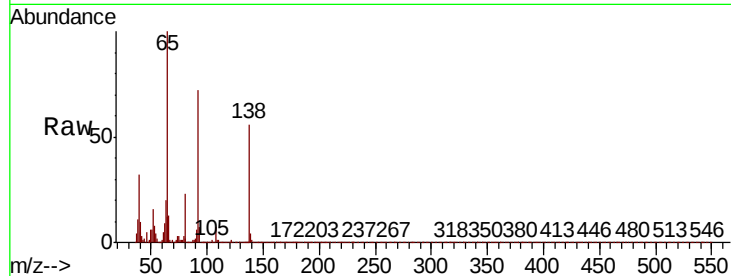




#53
3-Nitroaniline
Concen: 23.361 ng
RT: 14.19 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

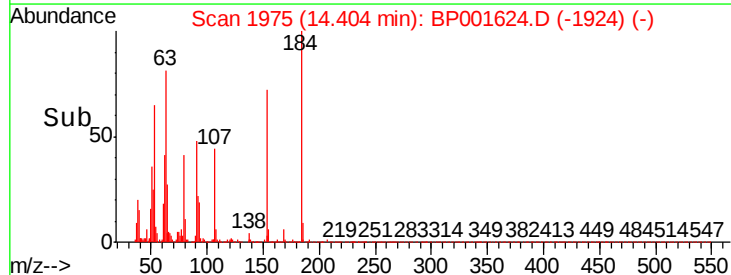
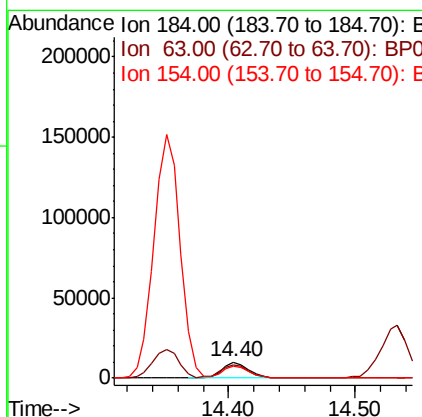
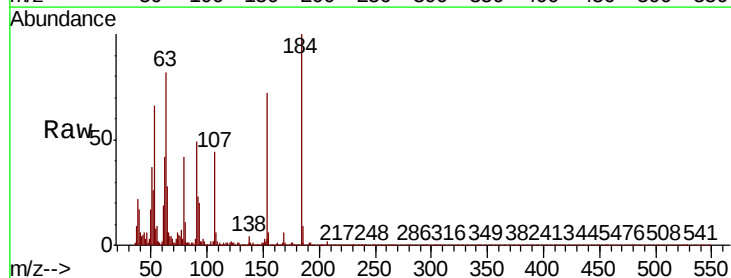
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

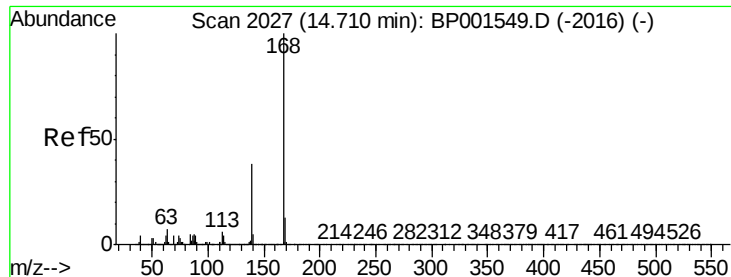
Tot Ion:138 Resp: 37731
Ion Ratio Lower Upper
138 100
108 13.3 9.9 14.9
92 130.0 110.6 166.0



#54
2,4-Dinitrophenol
Concen: 17.025 ng
RT: 14.40 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:184 Resp: 14644
Ion Ratio Lower Upper
184 100
63 82.5 59.7 89.5
154 72.1 53.9 80.9

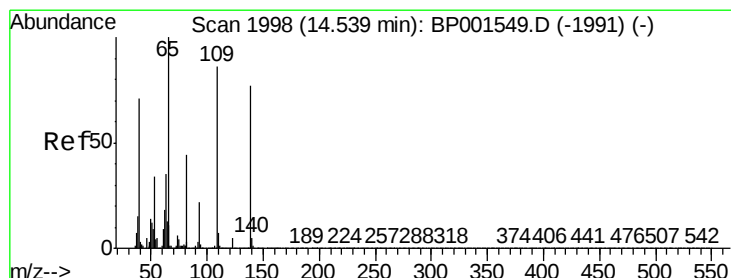
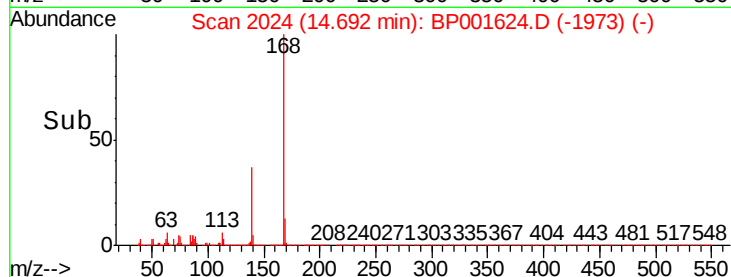
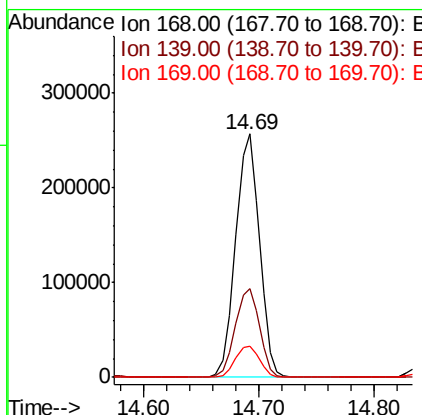
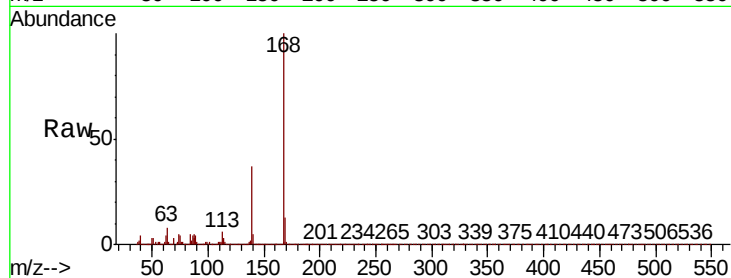




#55
Dibenzofuran
Concen: 43.675 ng
RT: 14.69 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

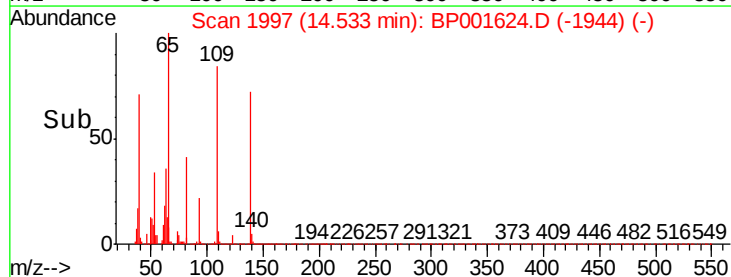
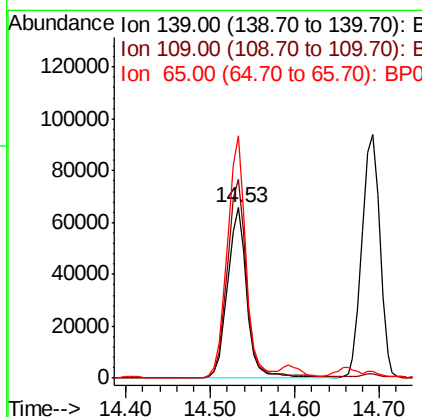
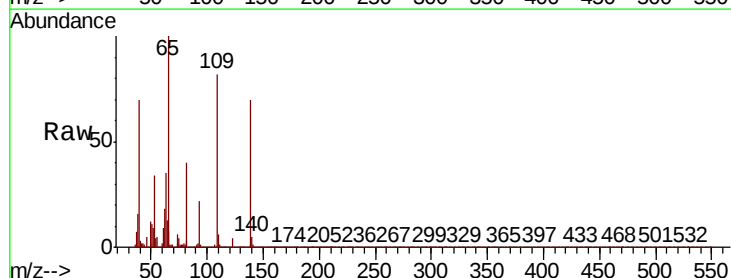
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

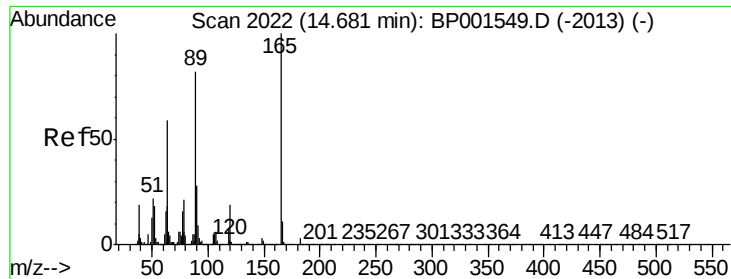
Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	30.2	45.4
169	12.9	10.6	16.0



#56
4-Nitrophenol
Concen: 80.218 ng
RT: 14.53 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	116.7	92.7	132.7
65	142.8	111.1	151.1

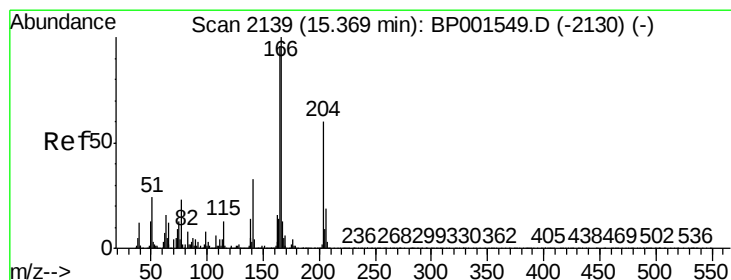
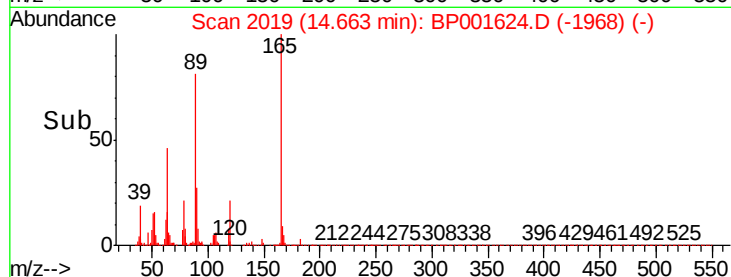
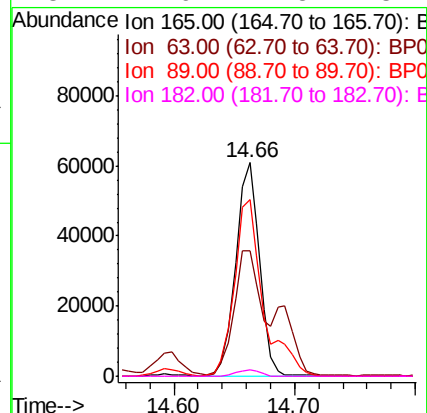
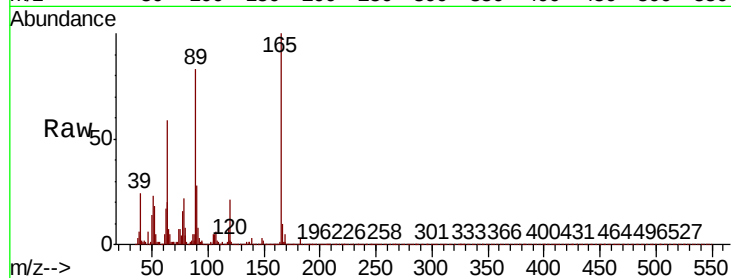




#57
2,4-Dinitrotoluene
Concen: 37.157 ng
RT: 14.66 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

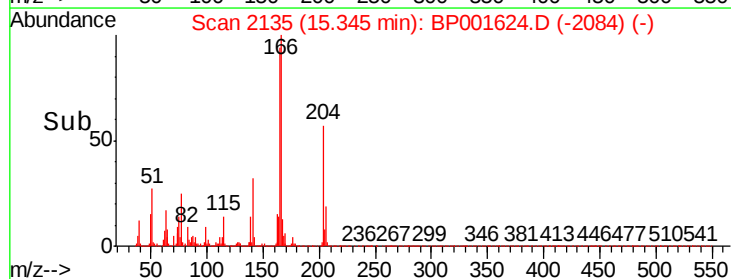
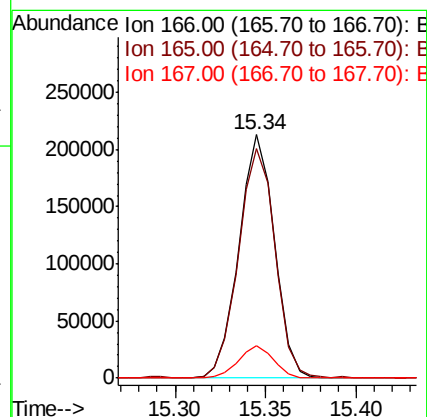
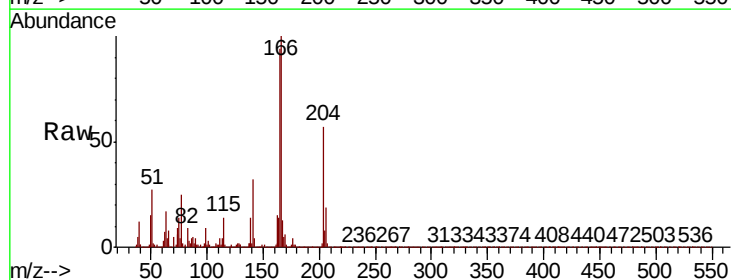
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

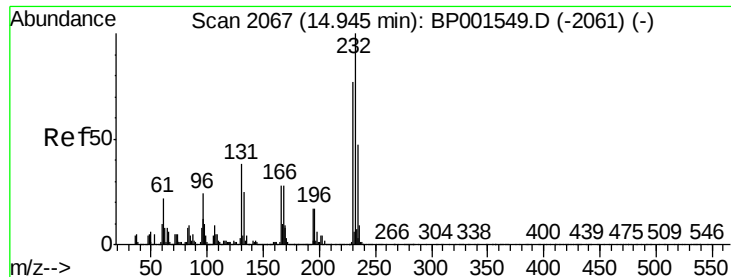
Tot Ion:165	Resp:	83169
Ion	Ratio	Lower Upper
165	100	
63	58.7	47.3 70.9
89	82.9	65.4 98.0
182	2.9	2.5 3.7



#58
Fluorene
Concen: 42.435 ng
RT: 15.34 min Scan# 2135
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:166	Resp:	289299
Ion	Ratio	Lower Upper
166	100	
165	94.4	76.9 115.3
167	13.1	10.3 15.5

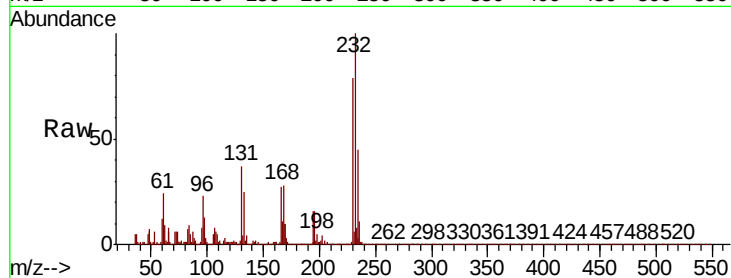




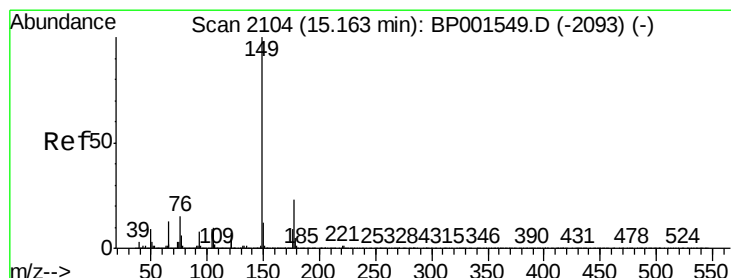
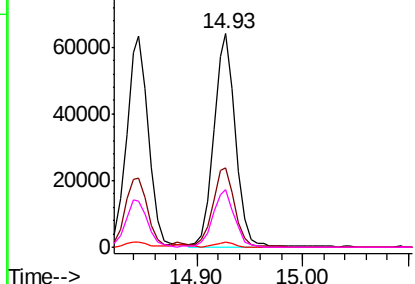
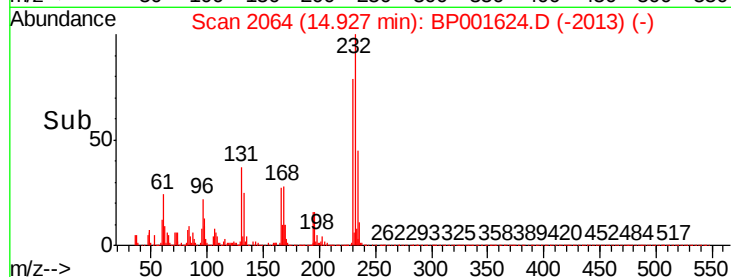
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.270 ng
RT: 14.93 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

Tot Ion:232 Resp: 91871
Ion Ratio Lower Upper
232 100
131 37.5 31.3 46.9
130 2.2 2.0 3.0
166 26.8 22.6 33.8

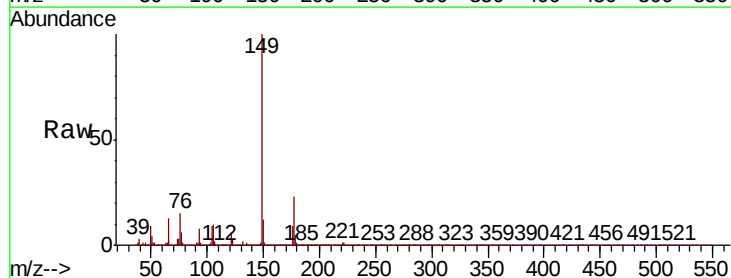


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

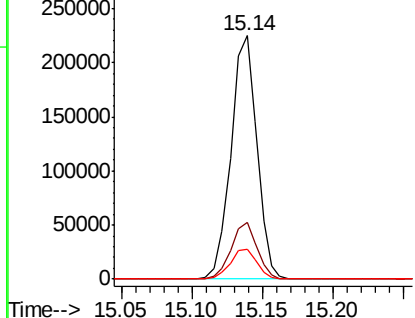
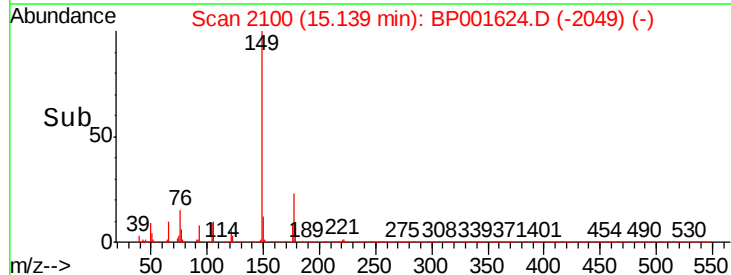


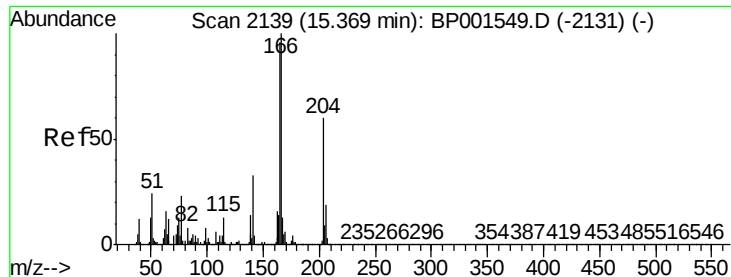
#60
Diethylphthalate
Concen: 38.738 ng
RT: 15.14 min Scan# 2100
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:149 Resp: 287420
Ion Ratio Lower Upper
149 100
177 23.5 18.4 27.6
150 12.1 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

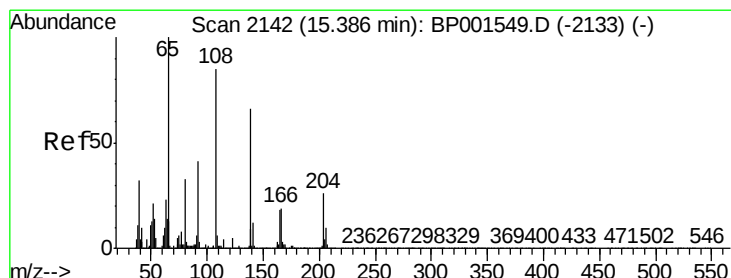
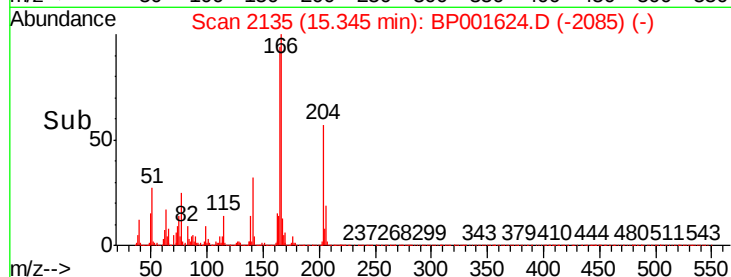
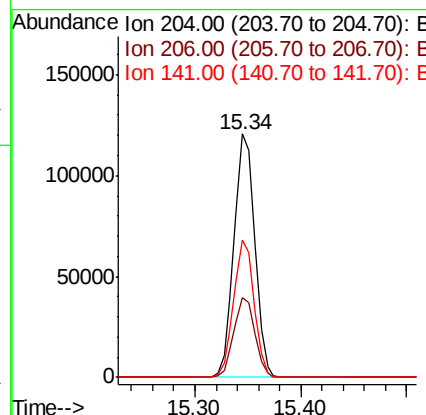
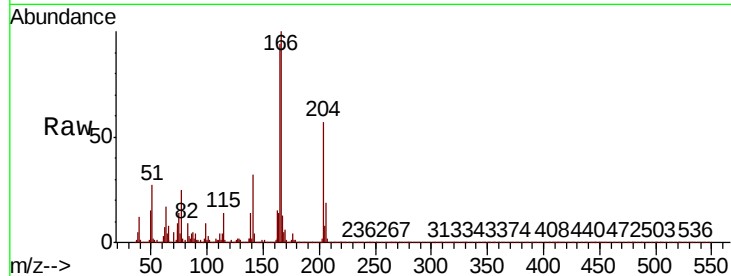




#61
4-Chlorophenyl-phenylether
Concen: 41.979 ng
RT: 15.34 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

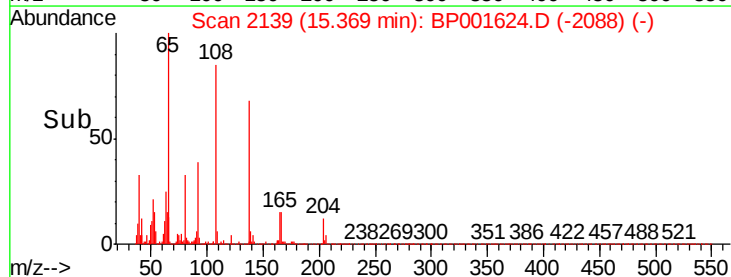
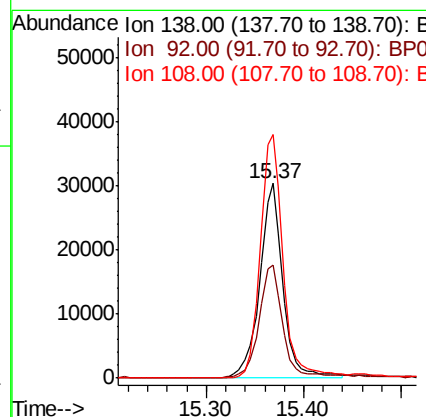
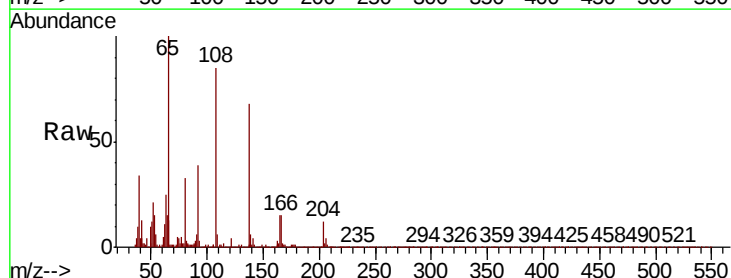
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

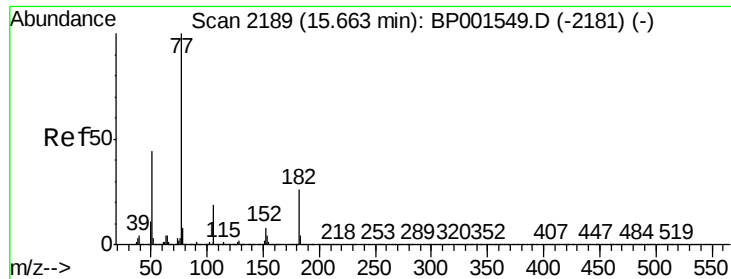
Tot Ion:204 Resp: 163791
Ion Ratio Lower Upper
204 100
206 32.8 25.4 38.0
141 56.6 43.8 65.6



#62
4-Nitroaniline
Concen: 27.626 ng
RT: 15.37 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:138 Resp: 50872
Ion Ratio Lower Upper
138 100
92 57.8 42.7 82.7
108 125.0 108.6 148.6

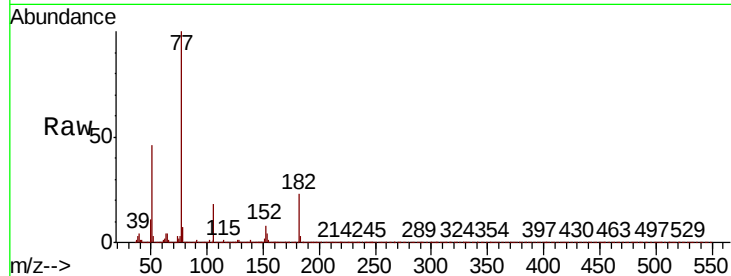




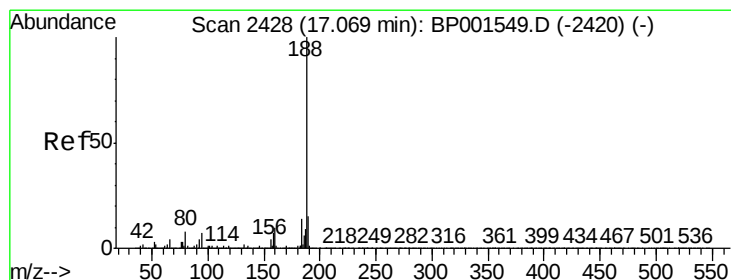
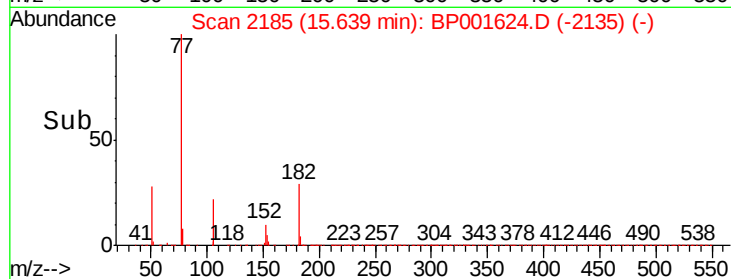
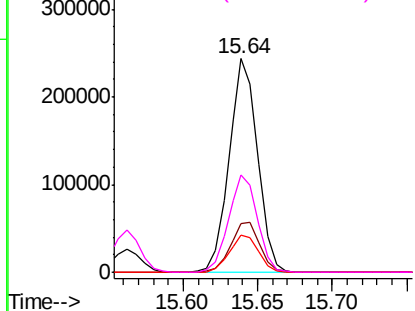
#63
Azobenzene
Concen: 43.717 ng
RT: 15.64 min Scan# 2185
Delta R.T. -0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

Tot Ion:	77	Resp:	324094
Ion	Ratio	Lower	Upper
77	100		
182	22.6	5.8	45.8
105	17.6	0.0	39.3
51	45.7	23.6	63.6

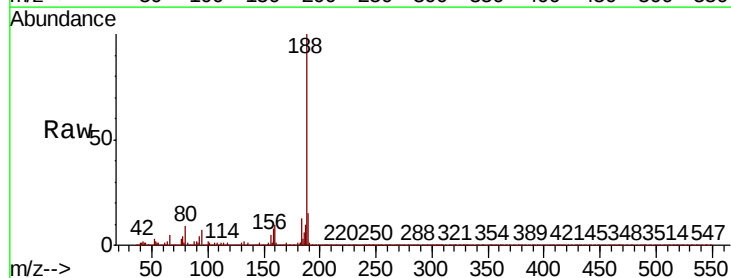


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

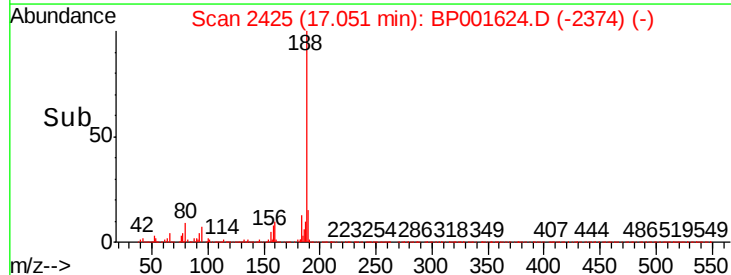
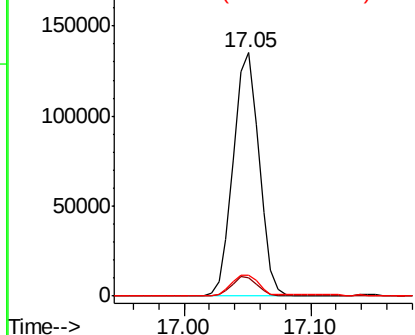


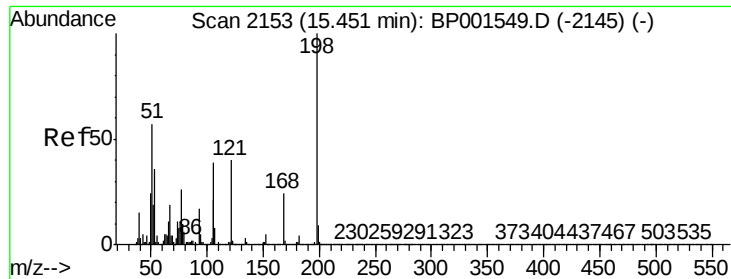
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:	188	Resp:	190849
Ion	Ratio	Lower	Upper
188	100		
94	7.4	5.9	8.9
80	8.8	6.8	10.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

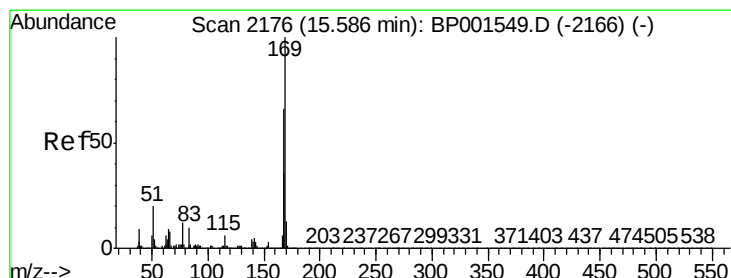
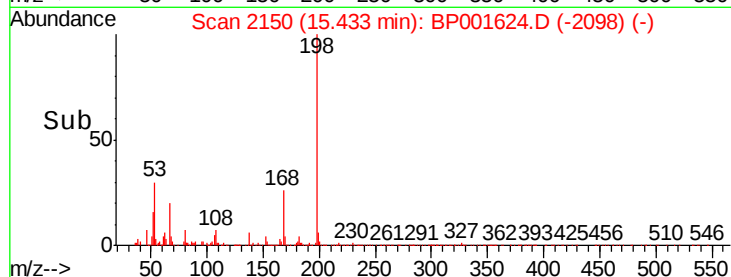
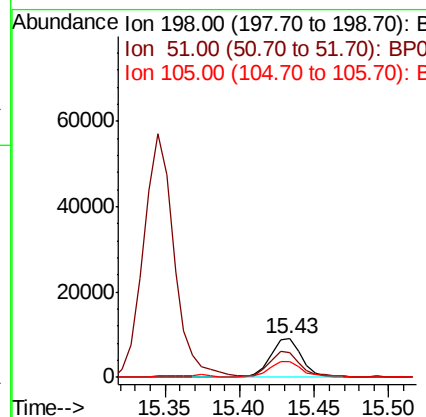
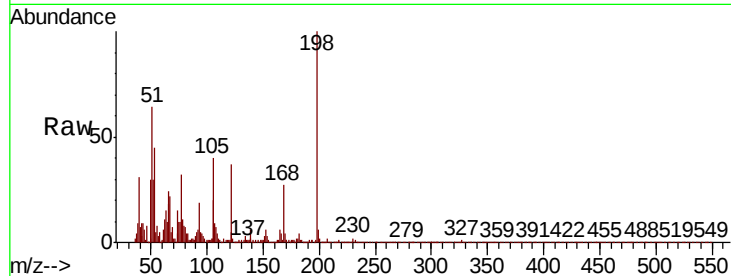




#65
4,6-Dinitro-2-methylphenol
Concen: 12.644 ng
RT: 15.43 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

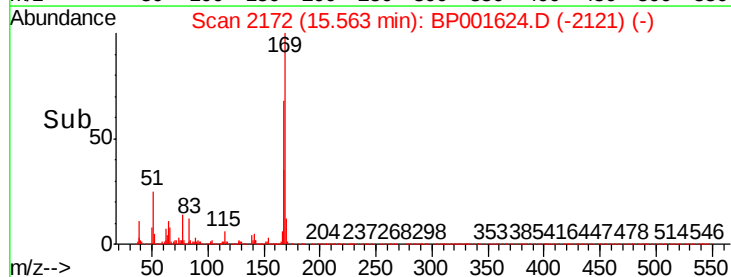
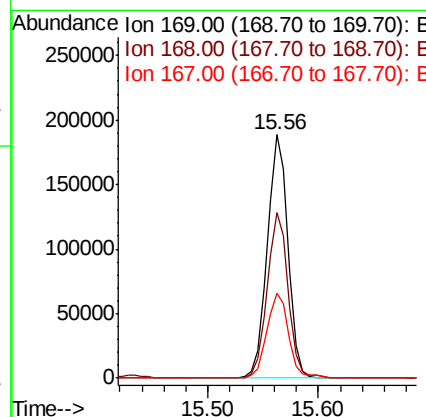
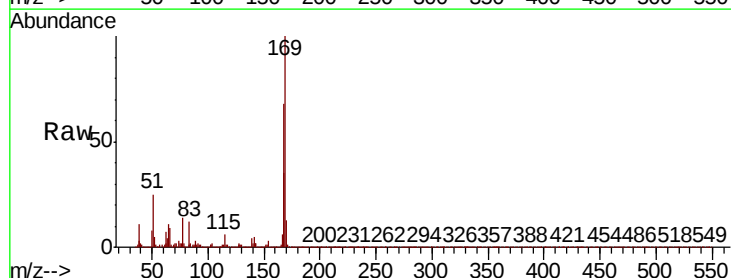
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

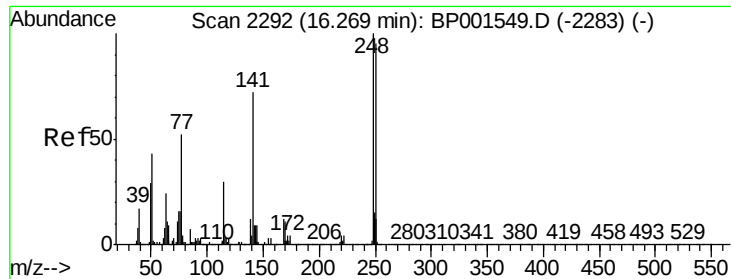
Tot Ion:198 Resp: 13046
Ion Ratio Lower Upper
198 100
51 63.9 39.4 79.4
105 40.0 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 49.079 ng
RT: 15.56 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:169 Resp: 248145
Ion Ratio Lower Upper
169 100
168 68.2 53.1 79.7
167 34.9 28.9 43.3

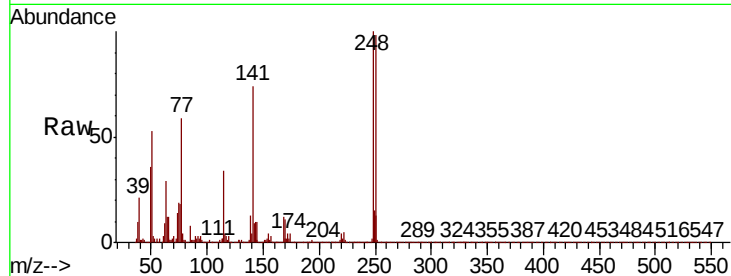




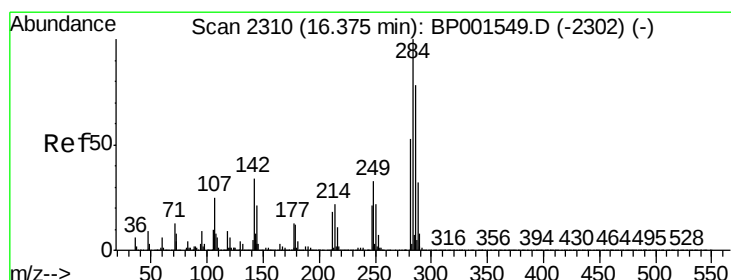
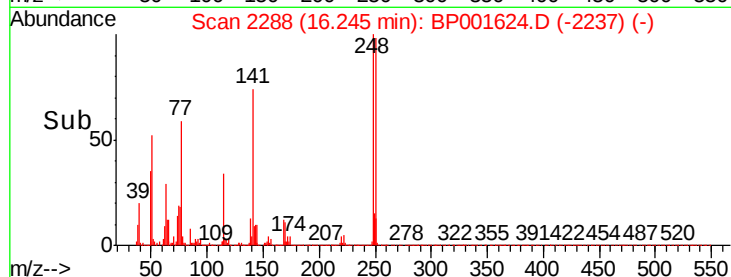
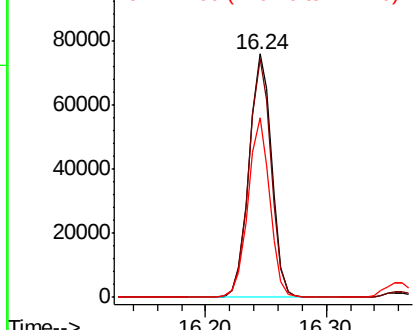
#67
4-Bromophenyl-phenylether
Concen: 46.206 ng
RT: 16.24 min Scan# 2288
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

Tot Ion:248 Resp: 99483
Ion Ratio Lower Upper
248 100
250 97.8 76.0 114.0
141 74.0 57.8 86.8

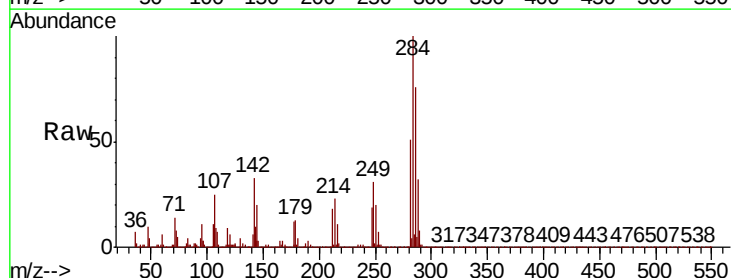


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

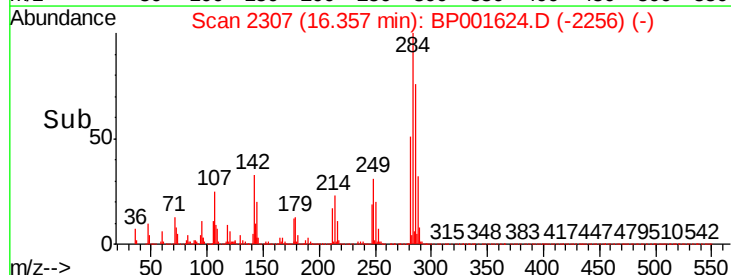
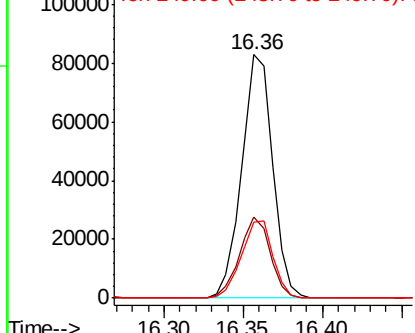


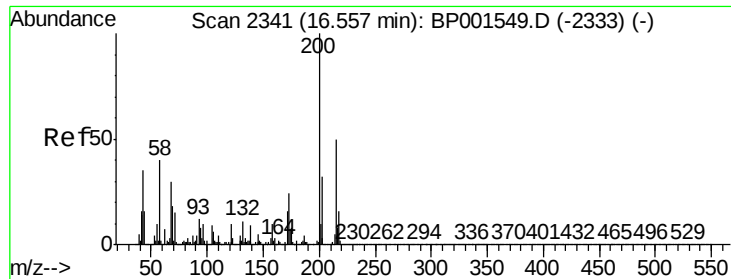
#68
Hexachlorobenzene
Concen: 44.831 ng
RT: 16.36 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:284 Resp: 112144
Ion Ratio Lower Upper
284 100
142 33.1 27.4 41.2
249 31.1 26.8 40.2



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





#69

Atrazine

Concen: 52.911 ng

RT: 16.53 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

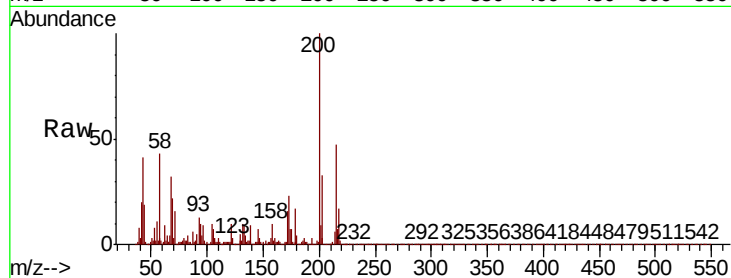
Tot Ion:200 Resp: 98251

Ion Ratio Lower Upper

200 100

173 23.3 3.5 43.5

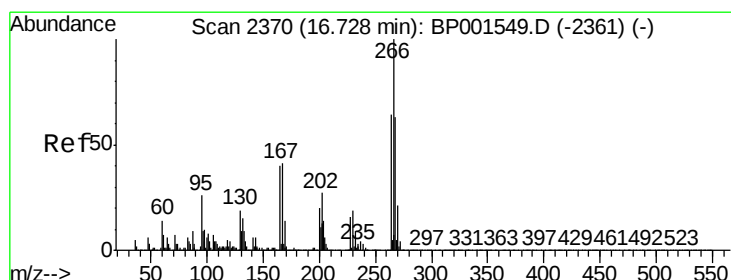
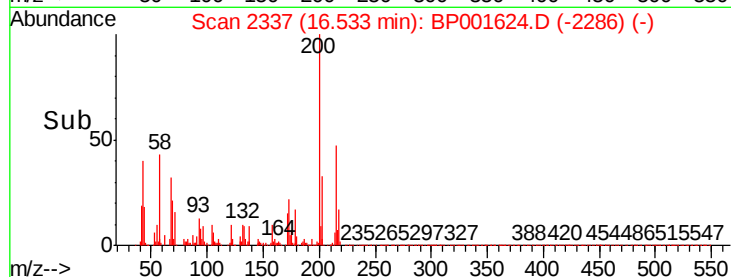
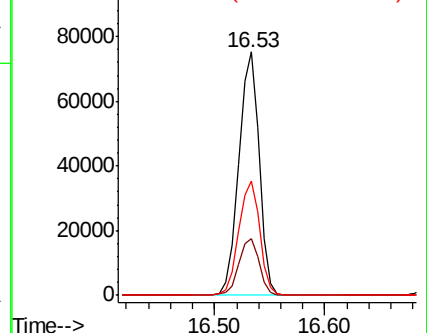
215 46.7 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 97.210 ng

RT: 16.71 min Scan# 2367

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

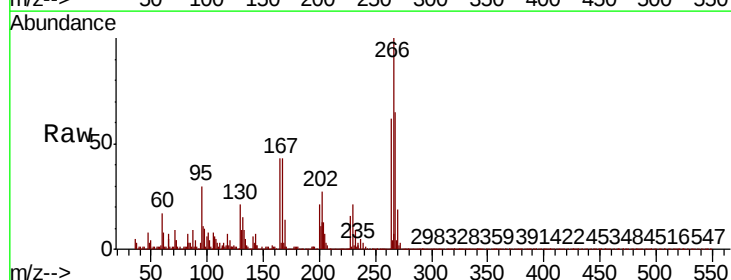
Tgt Ion:266 Resp: 134290

Ion Ratio Lower Upper

266 100

268 64.7 50.5 75.7

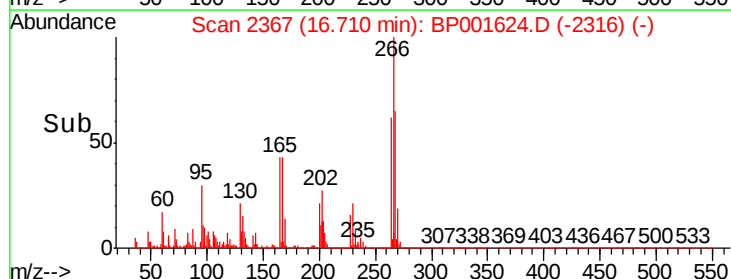
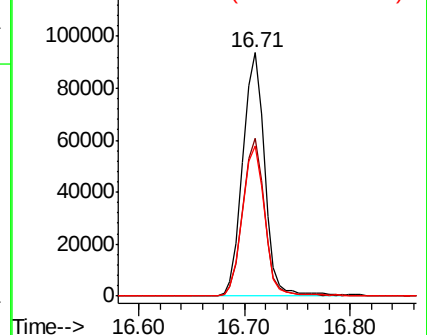
264 61.6 50.9 76.3

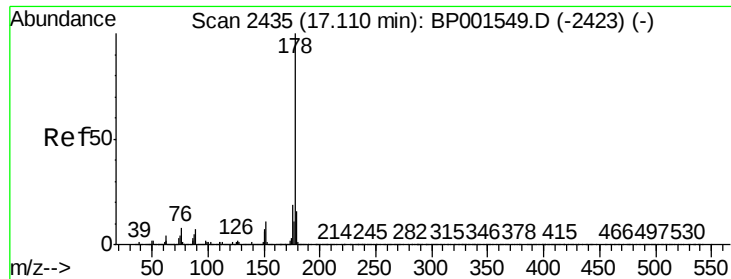


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

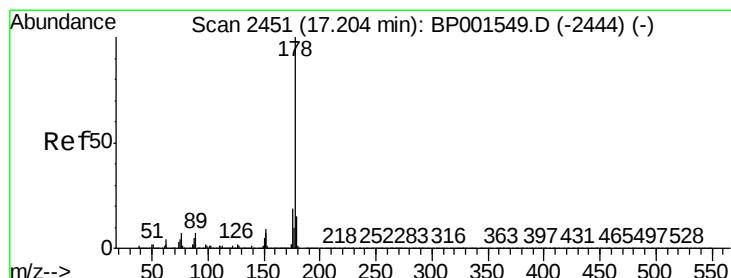
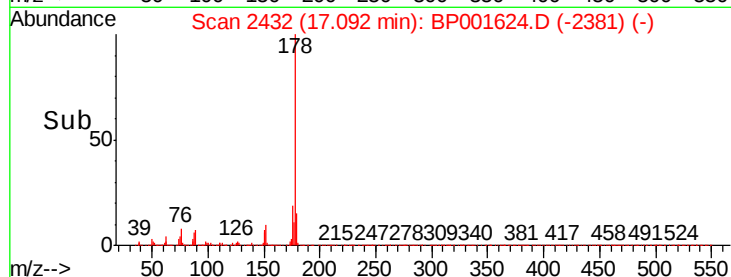
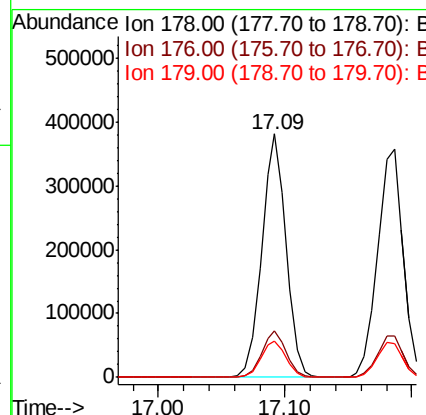
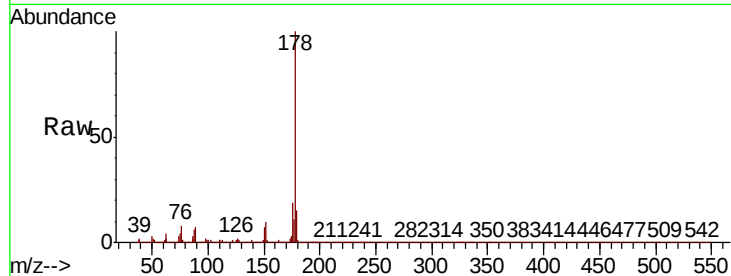




#71
Phenanthrene
Concen: 48.752 ng
RT: 17.09 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

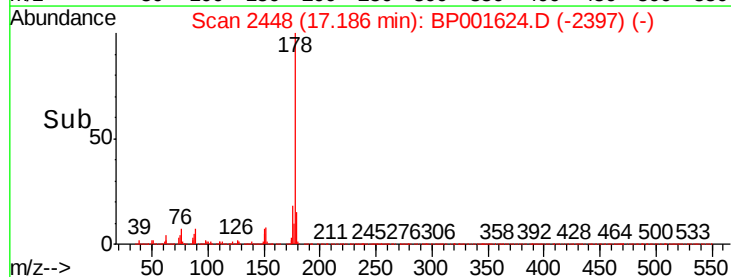
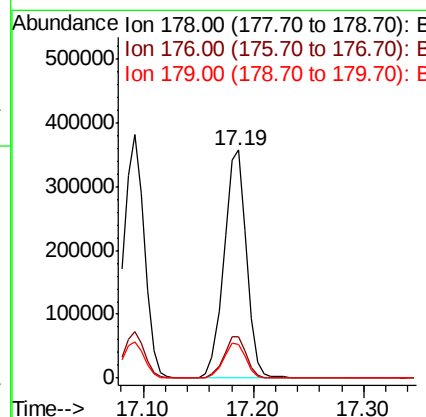
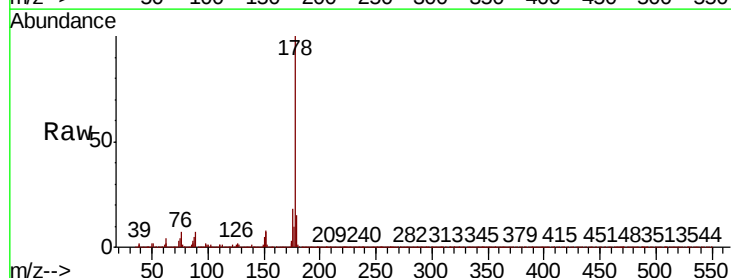
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

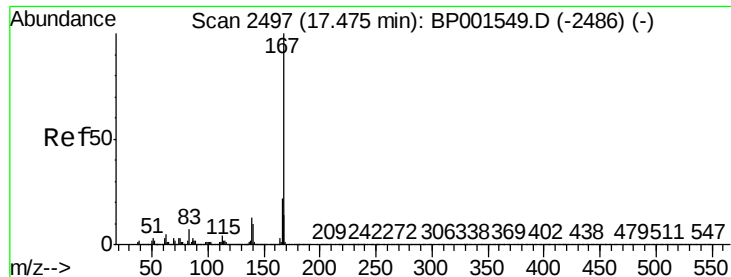
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.9	22.3
179	15.0	12.5	18.7



#72
Anthracene
Concen: 50.021 ng
RT: 17.19 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.6
179	14.9	11.8	17.8

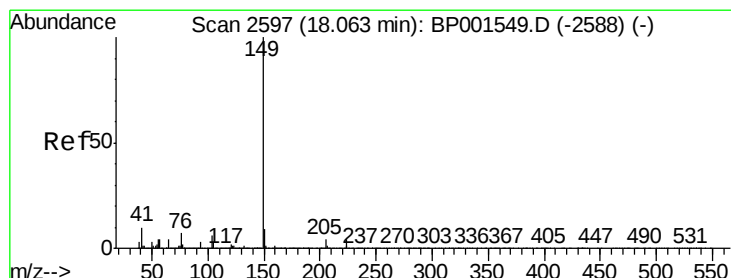
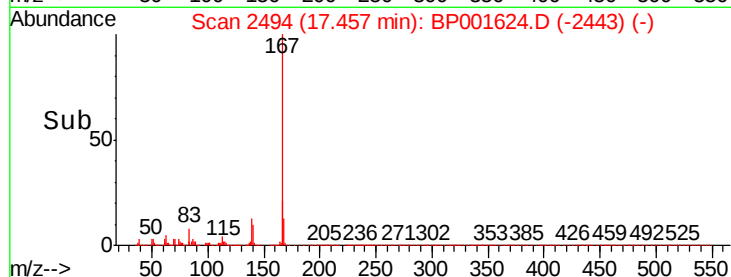
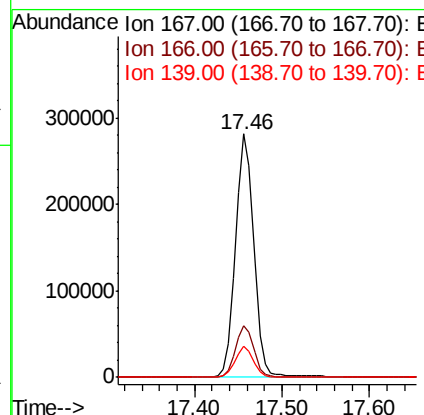
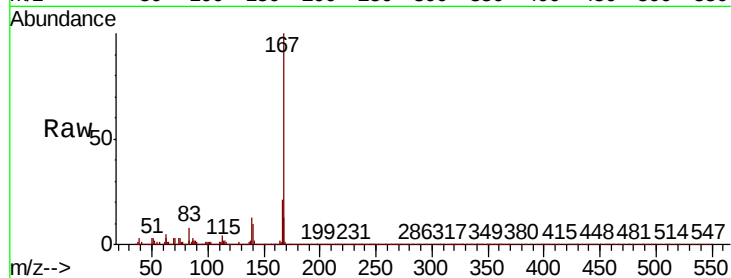




#73
 Carbazole
 Concen: 42.056 ng
 RT: 17.46 min Scan# 2494
 Delta R.T. -0.00 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

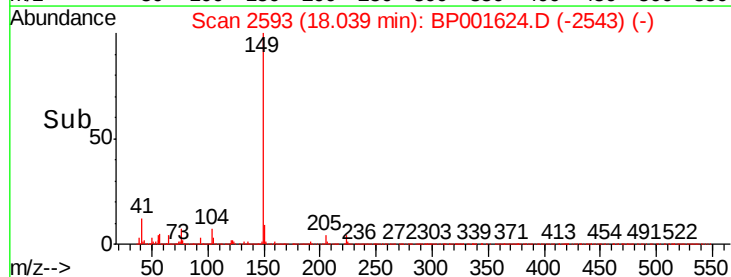
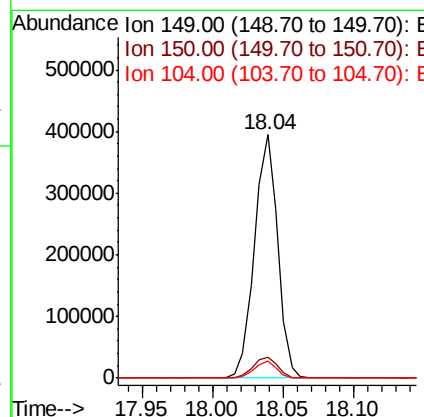
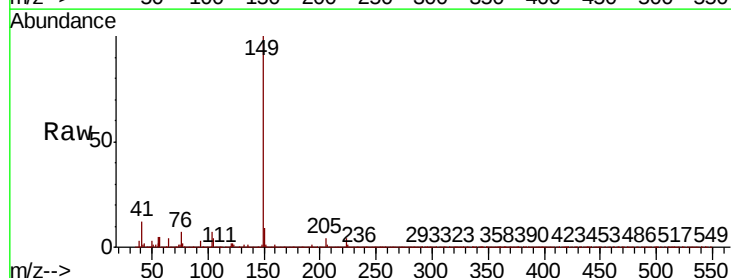
Instrument :
 BNA_P
 ClientSampleId :
 BW-1-3.0MSD

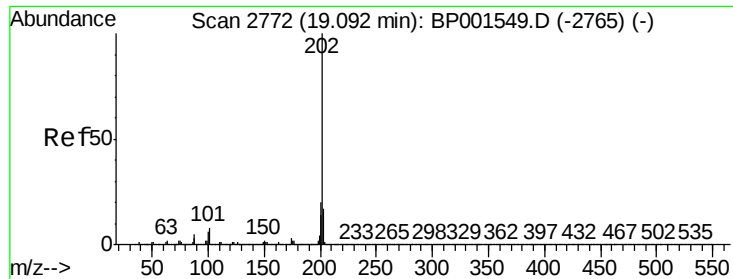
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.7	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 40.668 ng
 RT: 18.04 min Scan# 2593
 Delta R.T. -0.01 min
 Lab File: BP001624.D
 Acq: 15 Jan 2020 23:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.0	10.6
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 58.702 ng

RT: 19.07 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

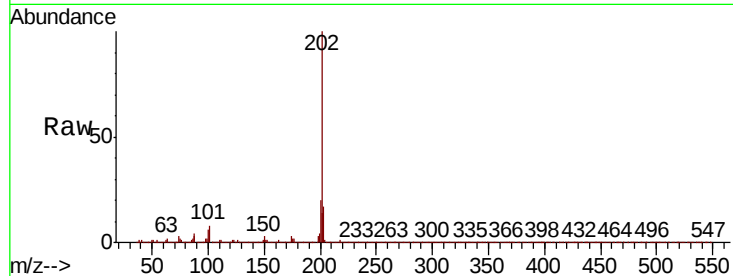
Tot Ion:202 Resp: 801686

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.4

203 17.1 0.0 37.4

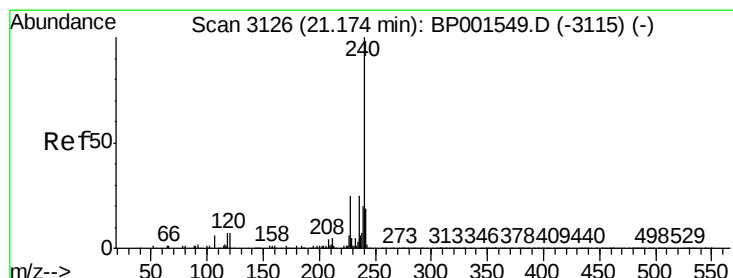
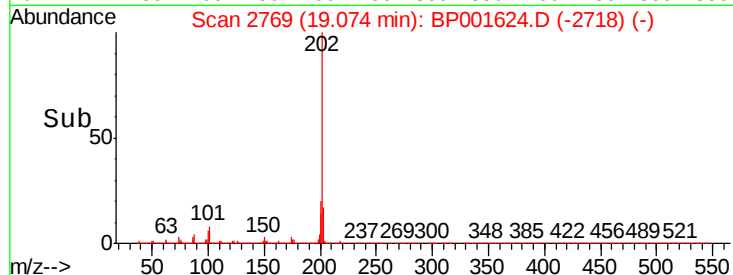
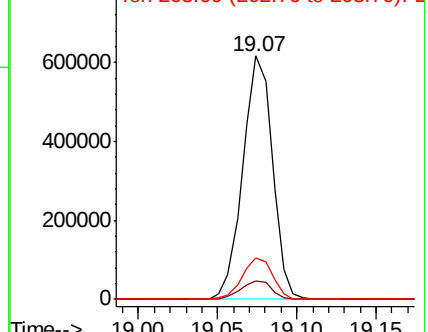


Abundance

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: 21.16 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

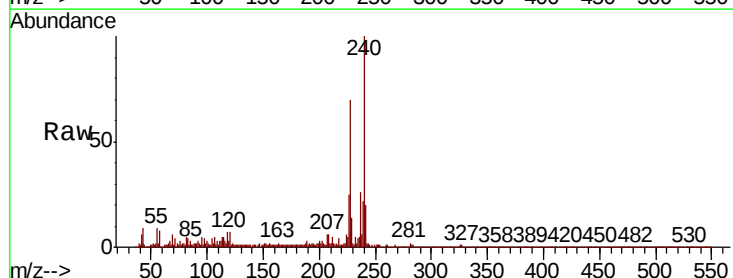
Tgt Ion:240 Resp: 162330

Ion Ratio Lower Upper

240 100

120 6.9 5.7 8.5

236 25.7 20.4 30.6

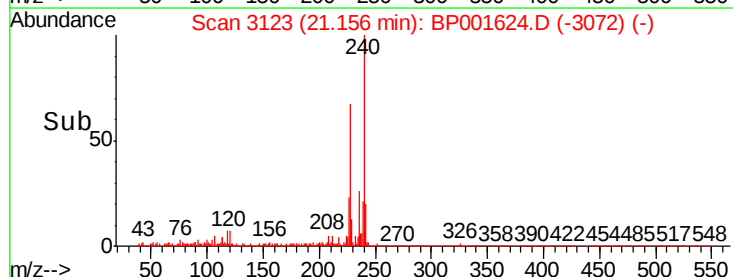
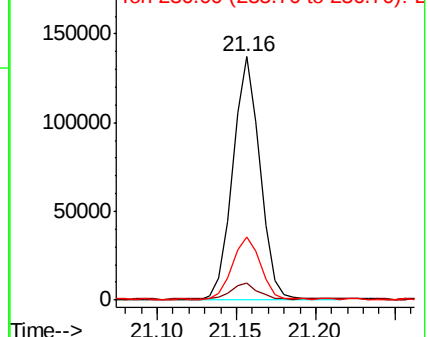


Abundance

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: 61.901 ng

RT: 19.26 min Scan# 2801

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

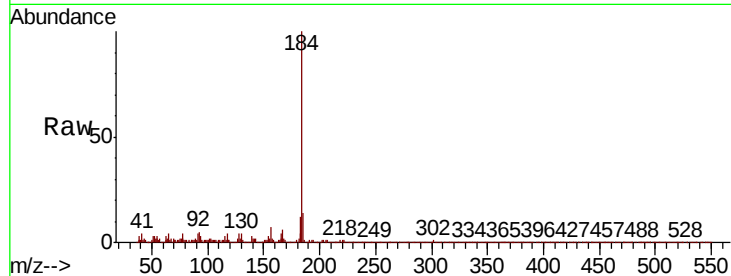
Tot Ion:184 Resp: 229441

Ion Ratio Lower Upper

184 100

185 14.3 10.6 16.0

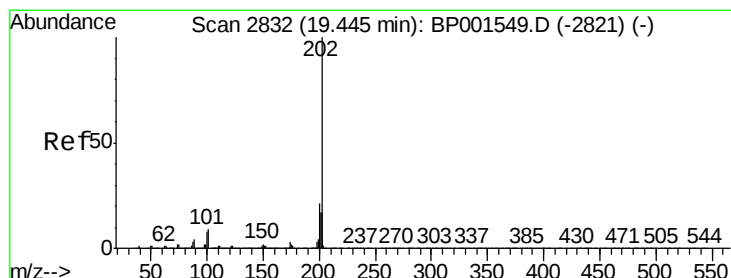
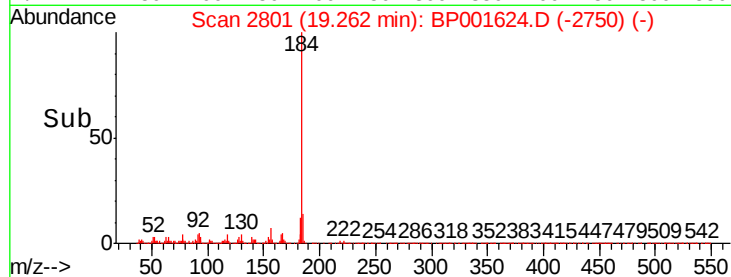
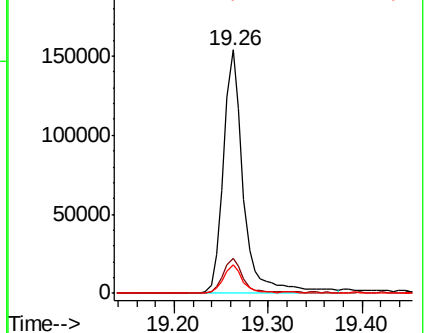
183 11.8 9.4 14.0



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: 68.325 ng

RT: 19.43 min Scan# 2829

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

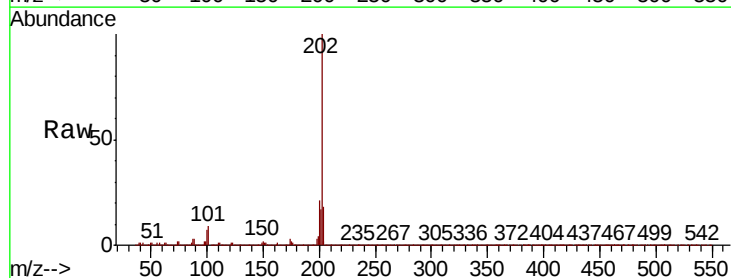
Tgt Ion:202 Resp: 814739

Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

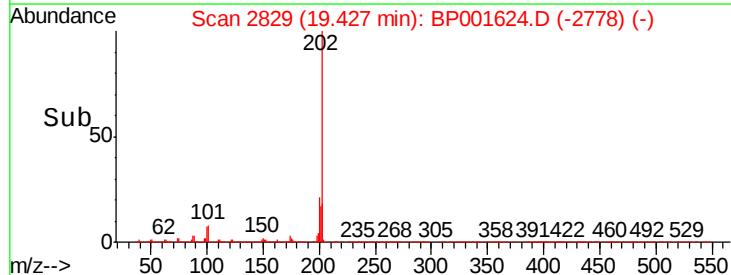
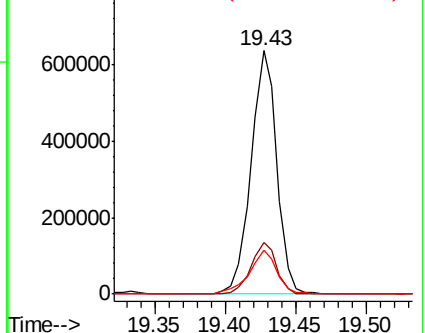
203 18.2 13.7 20.5

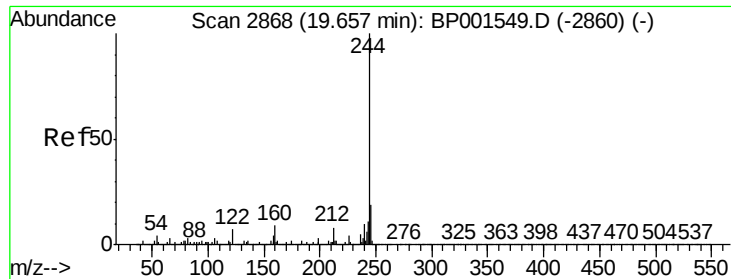


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 63.409 ng

RT: 19.63 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

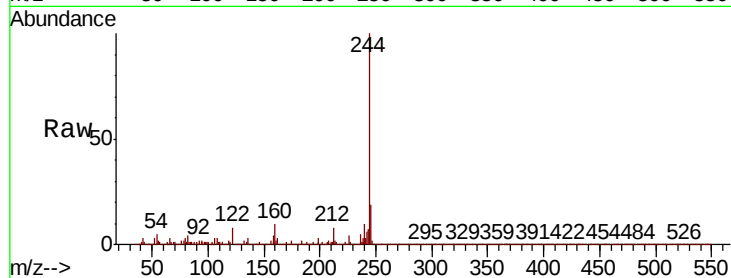
Tot Ion:244 Resp: 562765

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

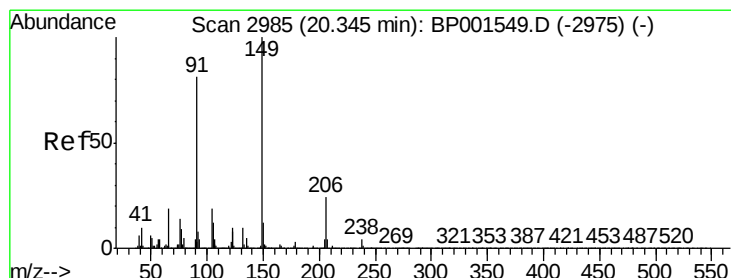
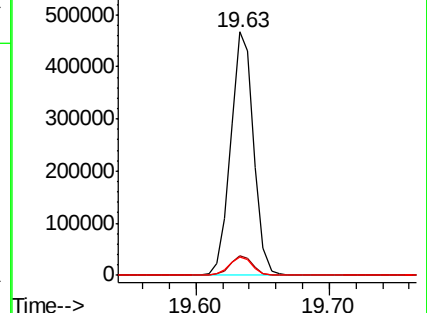
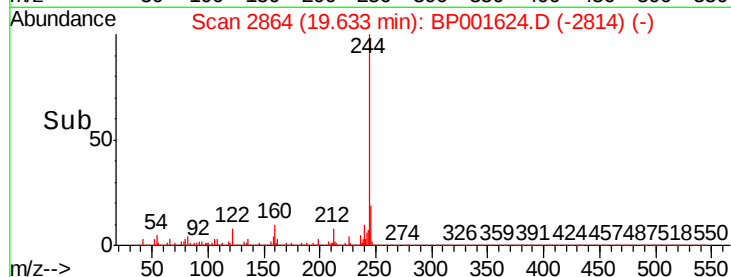
122 7.6 5.8 8.6



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: 42.169 ng

RT: 20.32 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

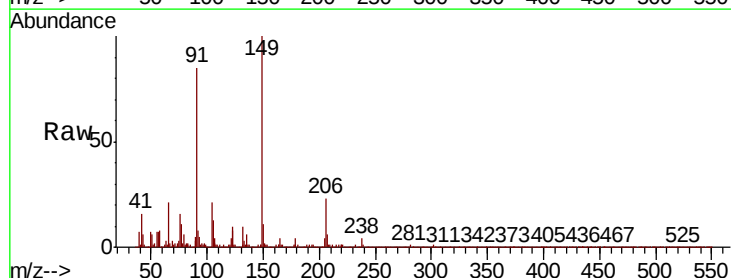
Tgt Ion:149 Resp: 191116

Ion Ratio Lower Upper

149 100

91 85.1 64.8 97.2

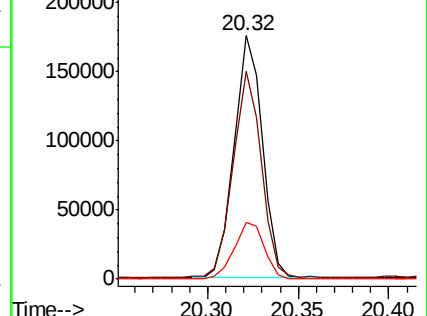
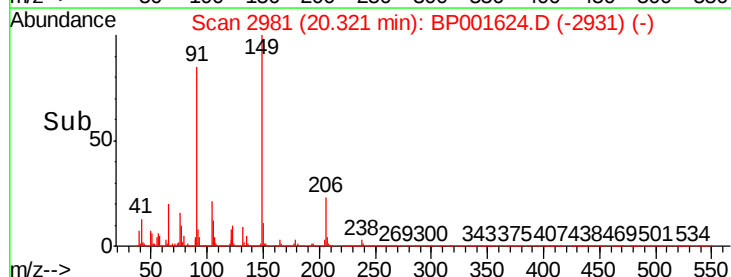
206 23.5 19.4 29.0

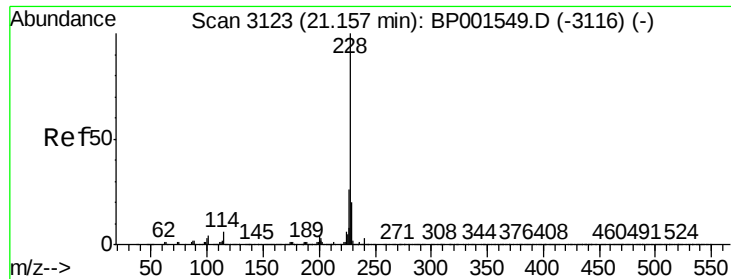


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

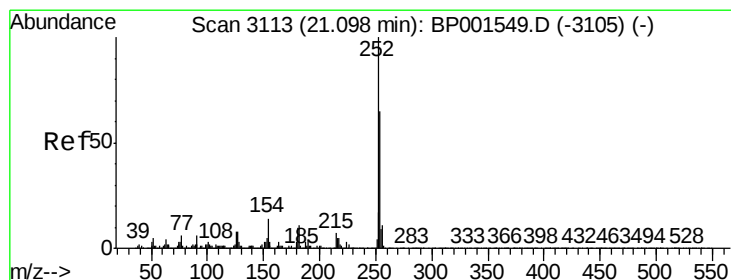
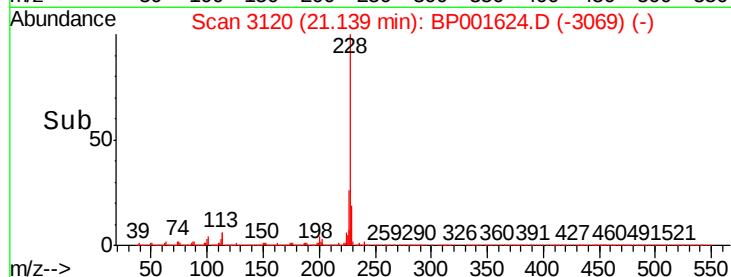
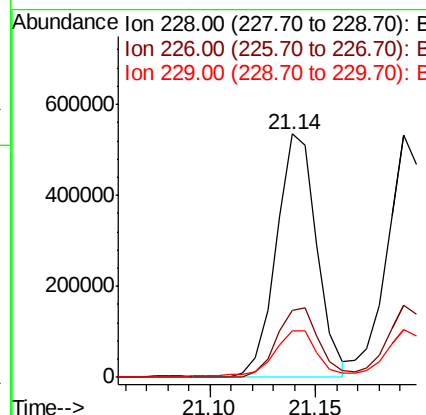
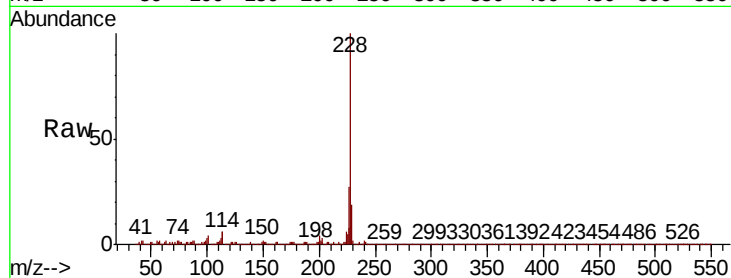




#81
Benzo(a)anthracene
Concen: 62.725 ng
RT: 21.14 min Scan# 3120
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

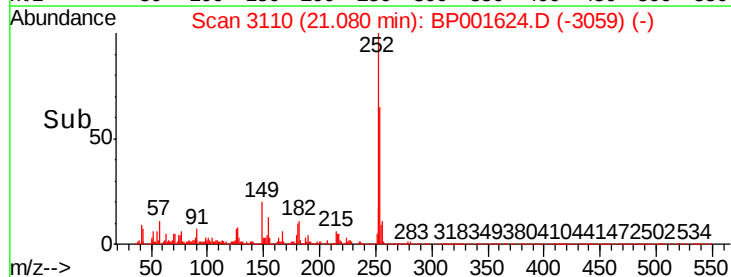
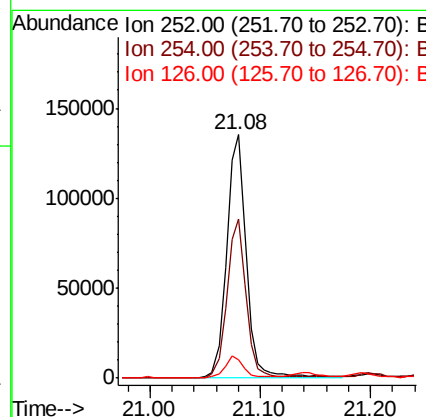
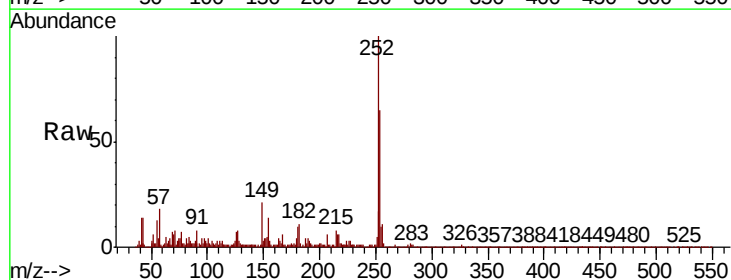
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

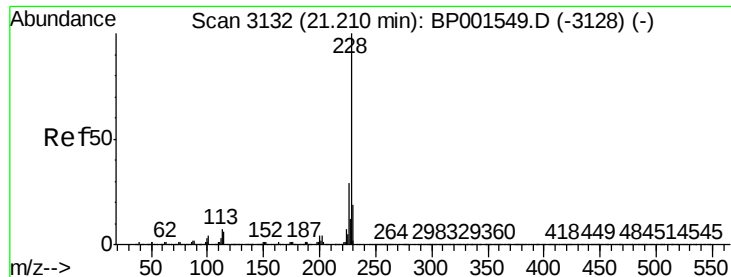
Tot Ion:228 Resp: 709121
Ion Ratio Lower Upper
228 100
226 27.3 21.2 31.8
229 19.3 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 39.048 ng
RT: 21.08 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:252 Resp: 165540
Ion Ratio Lower Upper
252 100
254 65.2 52.2 78.2
126 7.5 6.6 9.8





#83

Chrysene

Concen: 60.361 ng

RT: 21.19 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

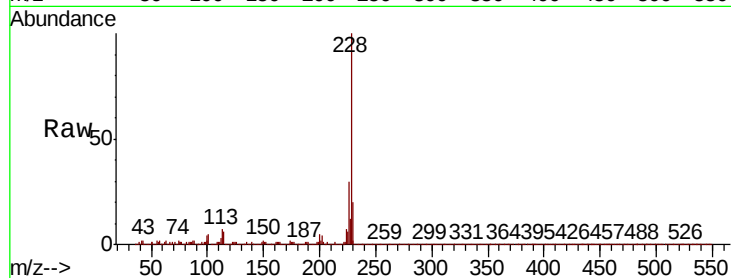
BNA_P

ClientSampleId :

BW-1-3.0MSD

Tot Ion:228 Resp: 665023

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.2	34.8
229	19.9	15.2	22.8

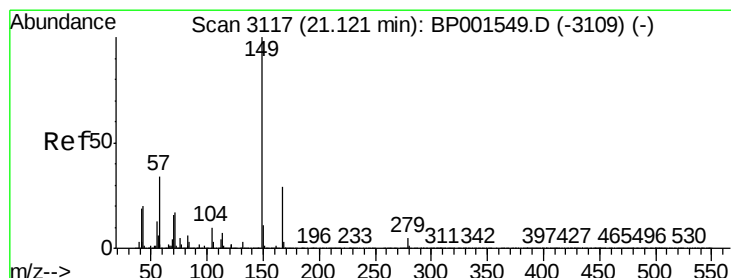
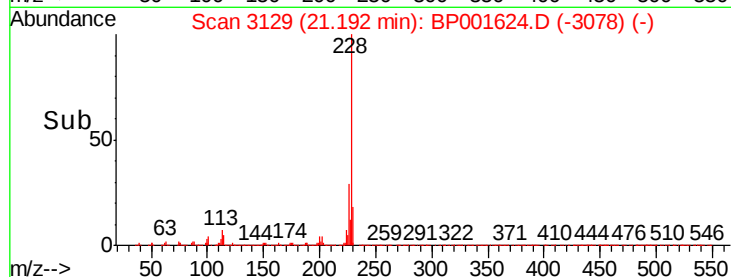
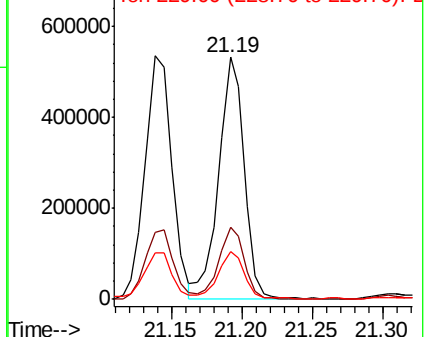


Abundance

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: 45.011 ng

RT: 21.10 min Scan# 3113

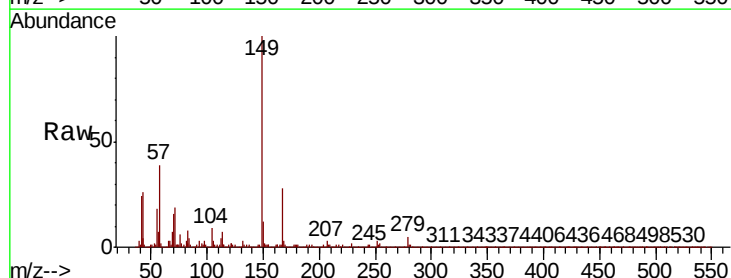
Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Tgt Ion:149 Resp: 279650

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.5	35.3
279	5.5	4.0	6.0

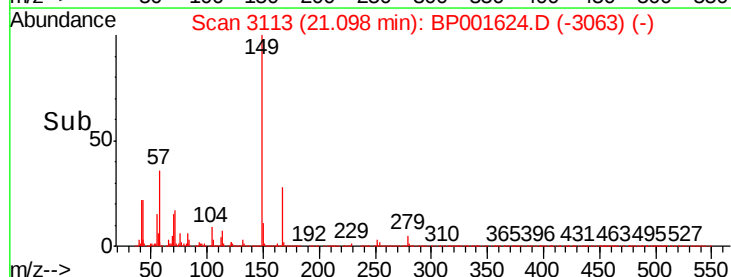
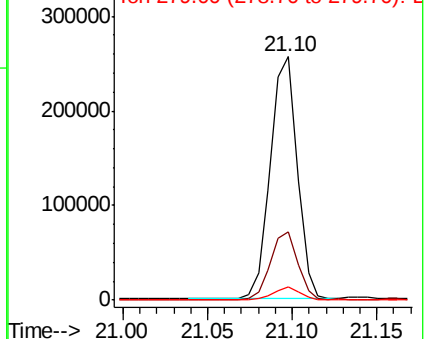


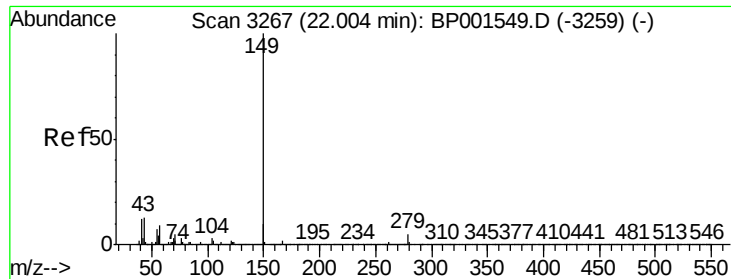
Abundance

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: 47.028 ng

RT: 21.97 min Scan# 3262

Delta R.T. -0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

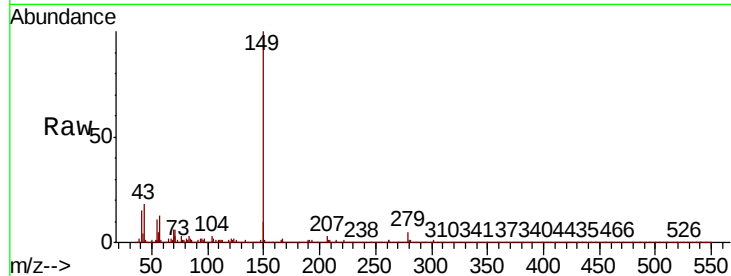
Tot Ion:149 Resp: 465882

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

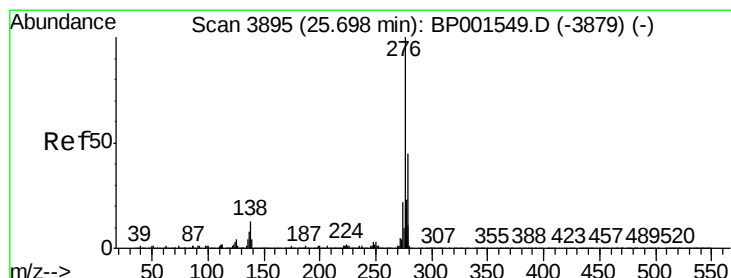
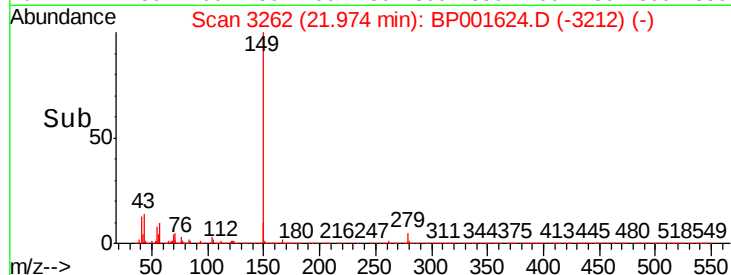
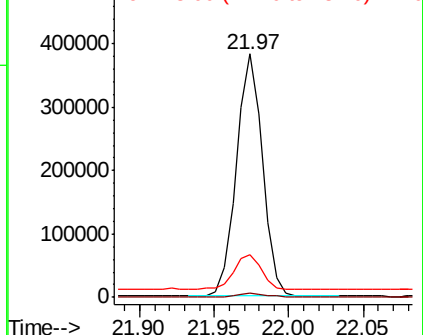
43 15.4 10.7 16.1



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: 50.592 ng

RT: 25.67 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

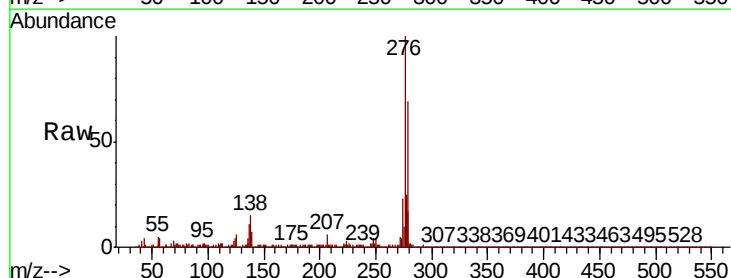
Tgt Ion:276 Resp: 652478

Ion Ratio Lower Upper

276 100

138 14.6 11.1 16.7

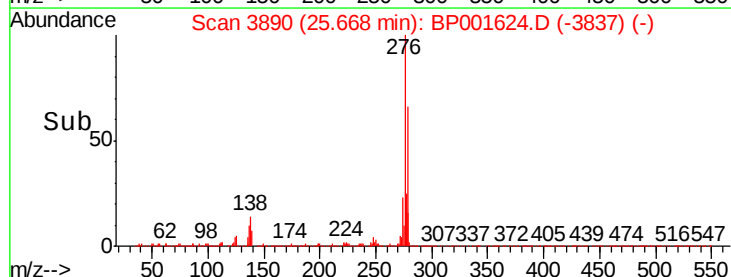
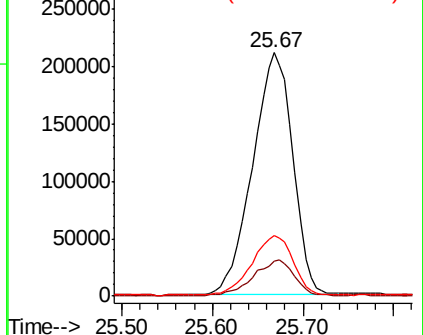
277 25.7 20.4 30.6

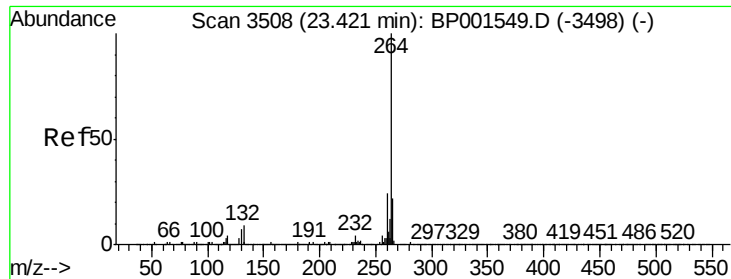


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

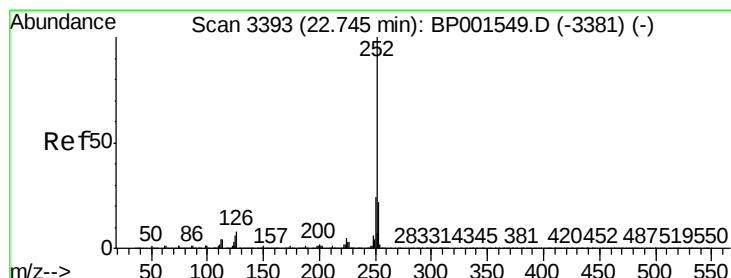
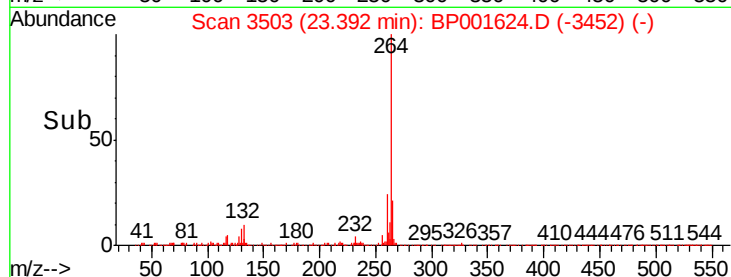
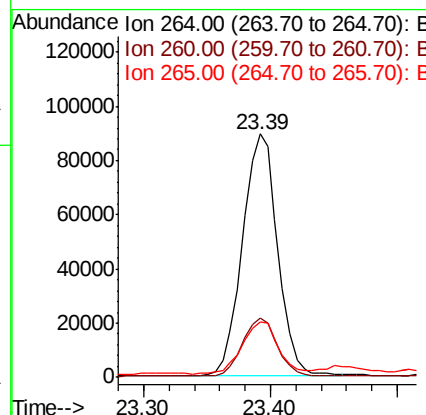
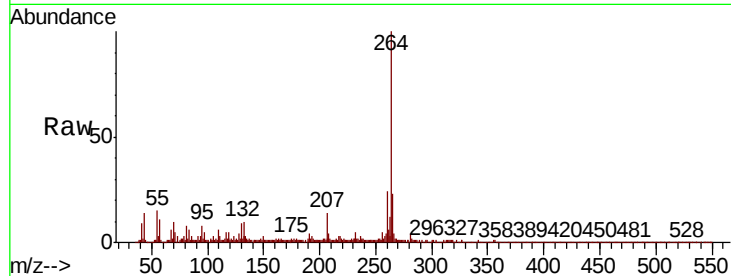




#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.39 min Scan# 3503
Delta R.T. -0.00 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

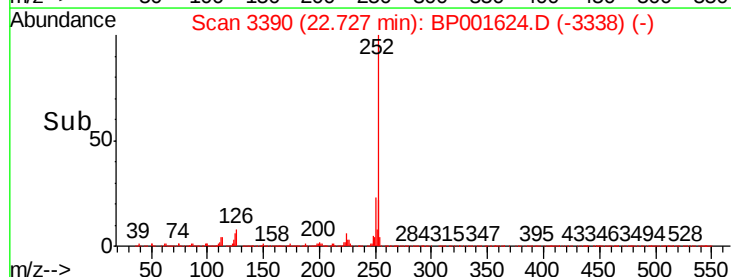
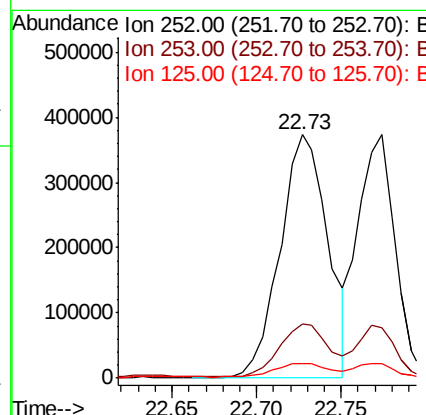
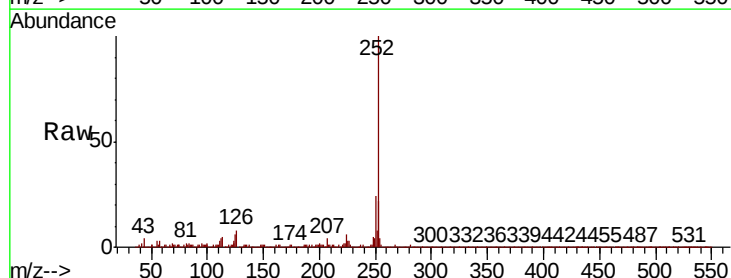
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

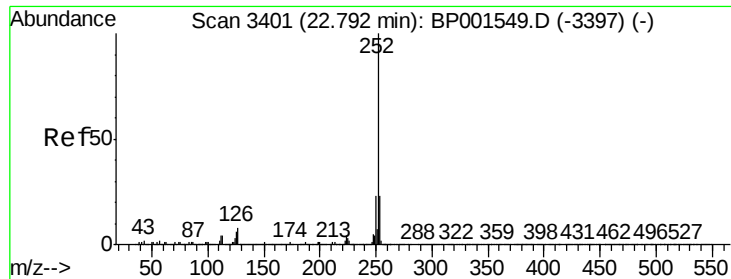
Tot Ion:264 Resp: 172591
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.7 18.2 27.4



#88
Benzo(b)fluoranthene
Concen: 67.204 ng
RT: 22.73 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt Ion:252 Resp: 730902
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 6.2 4.6 7.0

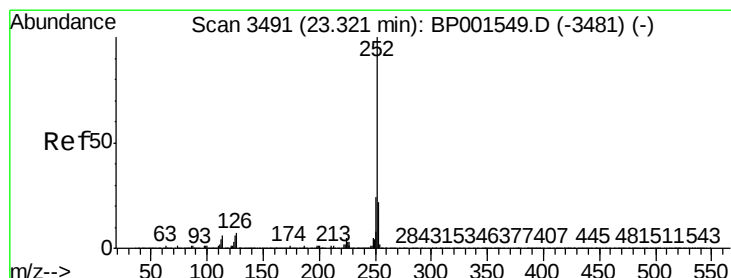
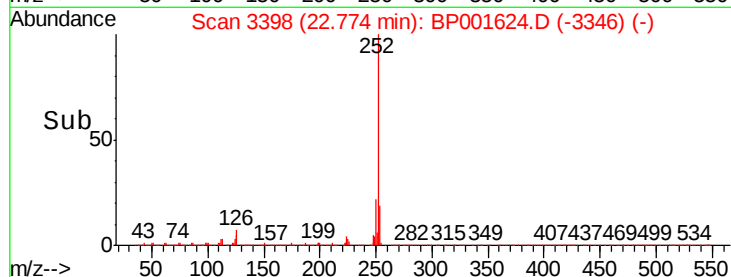
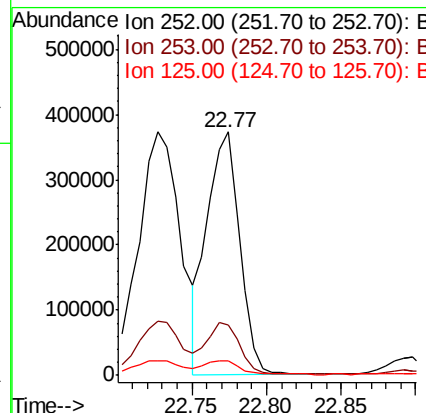
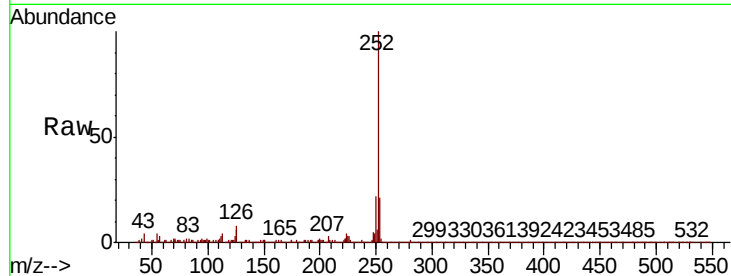




#89
Benzo(k)fluoranthene
Concen: 53.360 ng
RT: 22.77 min Scan# 3398
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

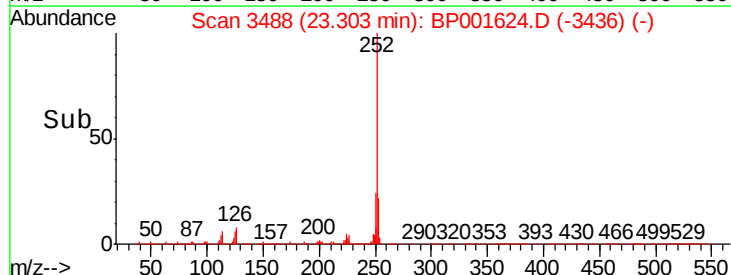
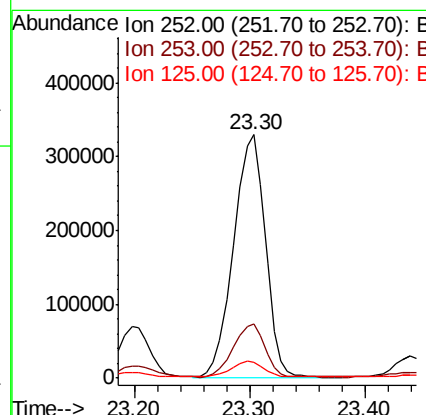
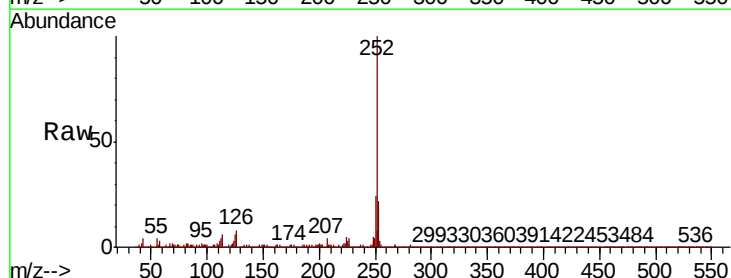
Instrument :
BNA_P
ClientSampleId :
BW-1-3.0MSD

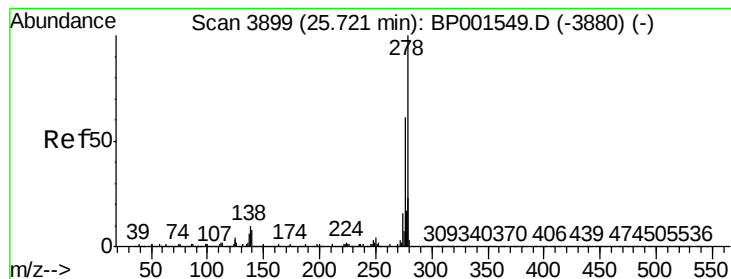
Tot	Ion:252	Resp:	565827
Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	5.8	4.6	6.8



#90
Benzo(a)pyrene
Concen: 60.848 ng
RT: 23.30 min Scan# 3488
Delta R.T. 0.01 min
Lab File: BP001624.D
Acq: 15 Jan 2020 23:35

Tgt	Ion:252	Resp:	628337
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	6.4	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 44.032 ng

RT: 25.69 min Scan# 3893

Delta R.T. 0.02 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

Instrument :

BNA_P

ClientSampleId :

BW-1-3.0MSD

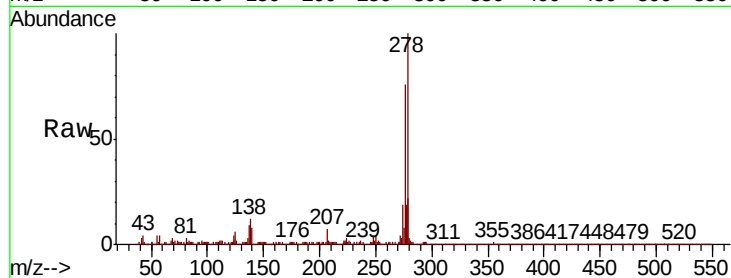
Tot Ion:278 Resp: 469128

Ion Ratio Lower Upper

278 100

139 8.1 6.7 10.1

279 22.1 18.6 28.0

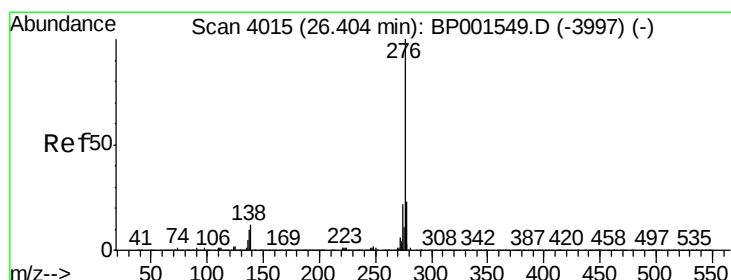
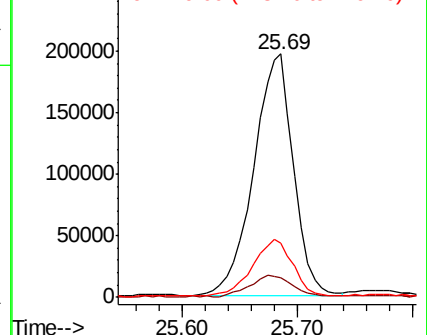
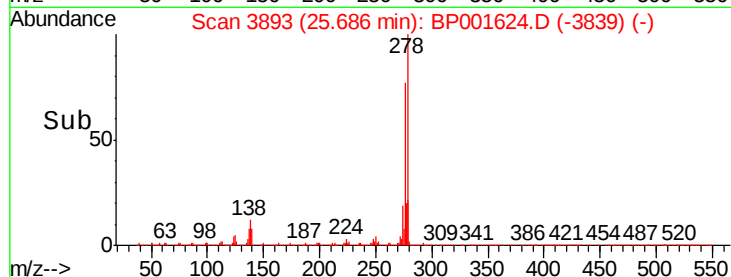


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 53.451 ng

RT: 26.36 min Scan# 4008

Delta R.T. 0.02 min

Lab File: BP001624.D

Acq: 15 Jan 2020 23:35

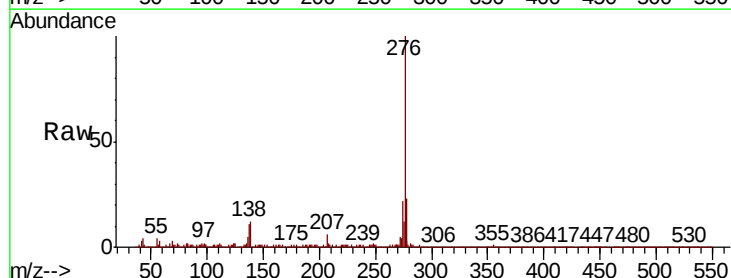
Tgt Ion:276 Resp: 566135

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 12.3 9.4 14.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

