

Data File : BP001636.D
Acq On : 16 Jan 2020 19:50
Operator : JU
Sample : L1148-07MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Quant Time: Jan 17 04:31:08 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	7.63	152	34535	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	124291	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	79110	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	186747	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	171407	20.00	ng	-0.01
87) Perylene-d12	23.37	264	175297	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	203470	115.41	ng	0.00
7) Phenol-d6	6.83	99	291241	103.37	ng	0.00
23) Nitrobenzene-d5	8.78	82	199994	70.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	117976	97.97	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	414583	77.05	ng	-0.01
79) Terphenyl-d14	19.63	244	660038	70.43	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.22	88	26847	47.717 ng	97
3) Pyridine	3.59	79	78943	38.829 ng	95
4) n-Nitrosodimethylamine	3.52	42	73973	51.336 ng	100
6) Aniline	6.96	93	124918	35.458 ng	96
8) 2-Chlorophenol	7.20	128	99776	48.477 ng	98
9) Benzaldehyde	6.78	77	64456	38.299 ng	94
10) Phenol	6.86	94	142370	48.846 ng	94
11) bis(2-Chloroethyl)ether	7.07	93	105227	46.033 ng	98
12) 1,3-Dichlorobenzene	7.52	146	115426	44.614 ng	98
13) 1,4-Dichlorobenzene	7.66	146	117857	44.055 ng	96
14) 1,2-Dichlorobenzene	7.98	146	112030	43.333 ng	97
15) Benzyl Alcohol	7.88	79	108366	40.840 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	190675	44.901 ng	99
17) 2-Methylphenol	8.09	107	90271	44.608 ng	97
18) Hexachloroethane	8.70	117	46393	44.422 ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	87366	40.671 ng	96
20) 3+4-Methylphenols	8.42	107	117667	41.569 ng	99
22) Acetophenone	8.45	105	157983	45.343 ng	# 99
24) Nitrobenzene	8.82	77	137275	47.706 ng	95
25) Isophorone	9.35	82	234035	45.884 ng	99
26) 2-Nitrophenol	9.53	139	53155	48.880 ng	96
27) 2,4-Dimethylphenol	9.60	122	89754	55.246 ng	96
28) bis(2-Chloroethoxy)methane	9.83	93	130092	43.538 ng	98
29) 2,4-Dichlorophenol	10.06	162	98509	44.298 ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	117582	43.799 ng	98
31) Naphthalene	10.46	128	300373	45.791 ng	99
32) Benzoic acid	9.78	122	52998	37.399 ng	95
33) 4-Chloroaniline	10.57	127	49277	16.315 ng	96
34) Hexachlorobutadiene	10.75	225	83686	44.037 ng	99
35) Caprolactam	11.35	113	20369	25.224 ng	# 90
36) 4-Chloro-3-methylphenol	11.72	107	106237	39.807 ng	100
37) 2-Methylnaphthalene	12.08	142	218076	41.715 ng	96
38) 1-Methylnaphthalene	12.30	142	205593	40.867 ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	139807	51.590 ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	132807	96.613	ng	99
43) 2,4,6-Trichlorophenol	12.70	196	89399	51.151	ng	97
44) 2,4,5-Trichlorophenol	12.77	196	96691	52.061	ng	100
46) 1,1'-Biphenyl	13.10	154	288550	50.901	ng	99
47) 2-Chloronaphthalene	13.14	162	229479	48.706	ng	97
48) 2-Nitroaniline	13.35	65	87453	47.245	ng	95
49) Acenaphthylene	14.00	152	363840	50.073	ng	100
50) Dimethylphthalate	13.75	163	325904	50.017	ng	99
51) 2,6-Dinitrotoluene	13.86	165	63135	45.692	ng	93
52) Acenaphthene	14.35	154	210532	46.783	ng	99
53) 3-Nitroaniline	14.19	138	29345	20.115	ng	99
54) 2,4-Dinitrophenol	14.40	184	45847	59.011	ng	88
55) Dibenzofuran	14.68	168	356309	46.821	ng	99
56) 4-Nitrophenol	14.53	139	103538	88.876	ng	93
57) 2,4-Dinitrotoluene	14.66	165	88926	43.984	ng	98
58) Fluorene	15.34	166	286482	46.522	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87465	45.607	ng	99
60) Diethylphthalate	15.13	149	279470	41.701	ng	98
61) 4-Chlorophenyl-phenylether	15.34	204	160241	45.468	ng	99
62) 4-Nitroaniline	15.36	138	47358	28.472	ng	100
63) Azobenzene	15.63	77	321686	48.039	ng	95
65) 4,6-Dinitro-2-methylphenol	15.43	198	37196	36.841	ng	95
66) n-Nitrosodiphenylamine	15.56	169	246477	49.820	ng	99
67) 4-Bromophenyl-phenylether	16.24	248	99543	47.250	ng	94
68) Hexachlorobenzene	16.35	284	111397	45.511	ng	99
69) Atrazine	16.52	200	99146	54.566	ng	99
70) Pentachlorophenol	16.70	266	134051	99.168	ng	97
71) Phenanthrene	17.08	178	469078	46.188	ng	98
72) Anthracene	17.17	178	481729	48.725	ng	99
73) Carbazole	17.45	167	409305	44.096	ng	99
74) Di-n-butylphthalate	18.03	149	480862	43.788	ng	98
75) Fluoranthene	19.06	202	594239	44.468	ng	100
77) Benzidine	19.26	184	392915	100.391	ng	99
78) Pyrene	19.42	202	591789	47.000	ng	98
80) Butylbenzylphthalate	20.31	149	216384	45.216	ng	94
81) Benzo(a)anthracene	21.13	228	555532	46.537	ng	99
82) 3,3'-Dichlorobenzidine	21.07	252	204743	45.738	ng	98
83) Chrysene	21.18	228	533747	45.880	ng	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	305292	46.536	ng	99
85) Di-n-octyl phthalate	21.96	149	507094	48.477	ng	95
86) Indeno(1,2,3-cd)pyrene	25.63	276	575549	42.264	ng	97
88) Benzo(b)fluoranthene	22.71	252	518635	46.951	ng	99
89) Benzo(k)fluoranthene	22.75	252	523905	48.644	ng	97
90) Benzo(a)pyrene	23.28	252	480349	45.799	ng	98
91) Dibenzo(a,h)anthracene	25.64	278	489121	45.200	ng	# 97
92) Benzo(g,h,i)perylene	26.32	276	483847	44.977	ng	98

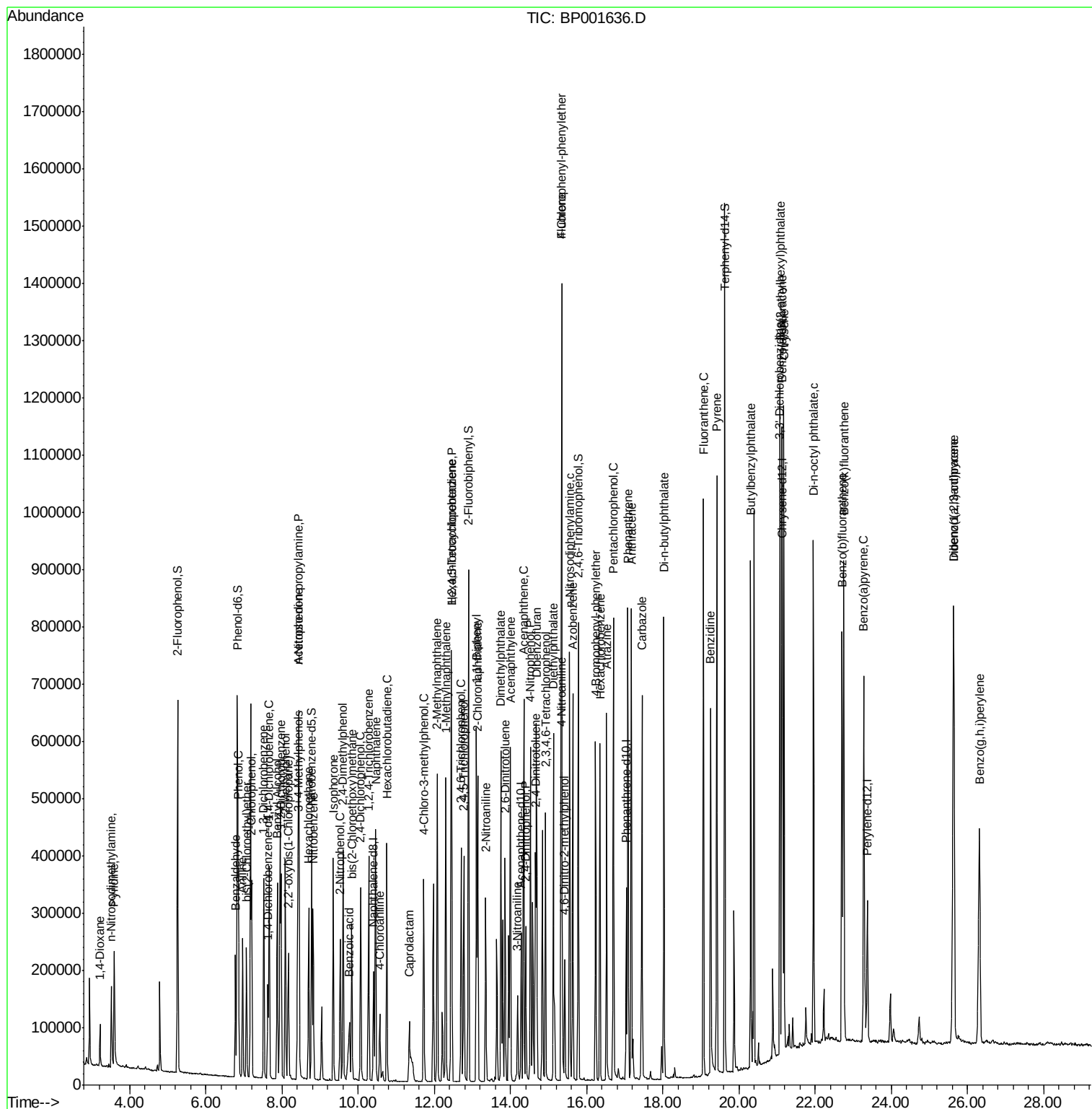
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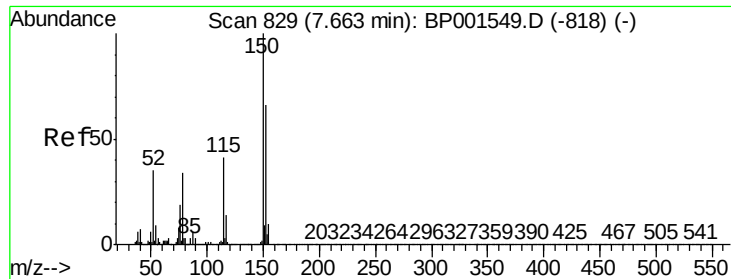
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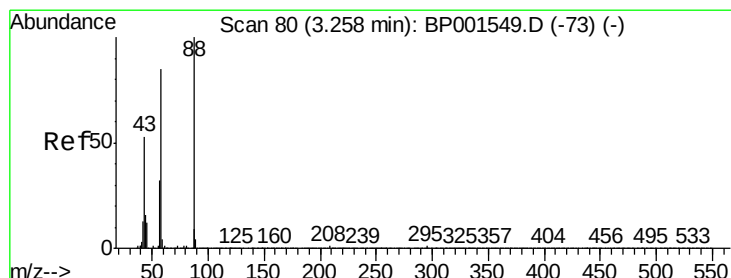
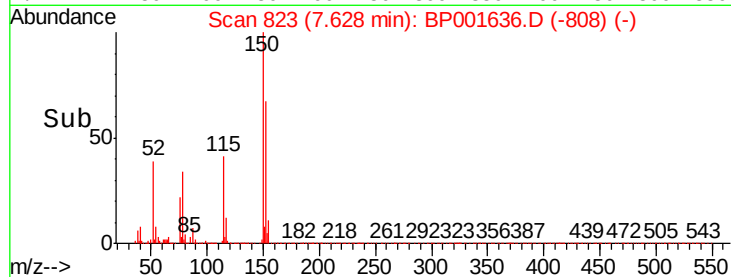
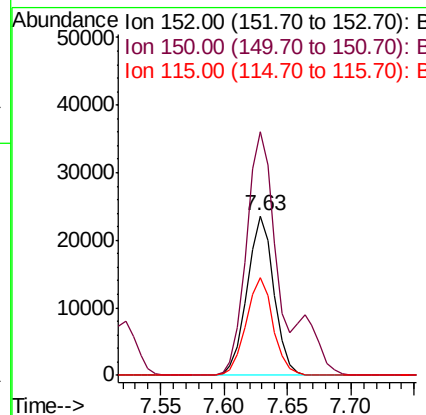
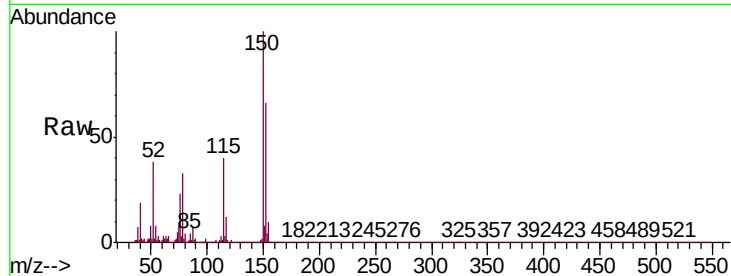


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001636.D
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ClientSampleId :
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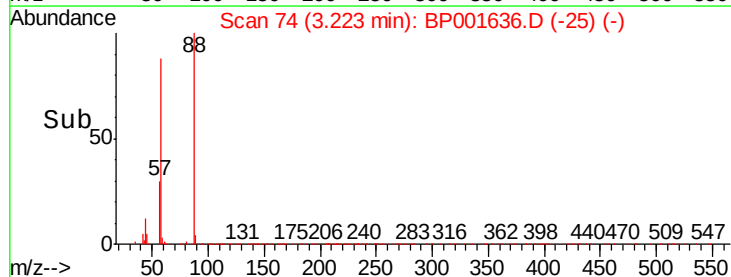
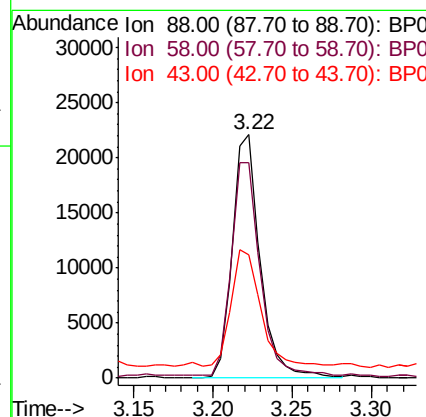
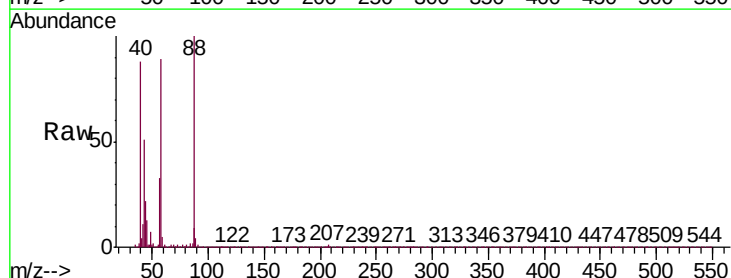
Tgt Ion:152 Resp: 34535
Ion Ratio Lower Upper
152 100
150 152.4 122.0 183.0
115 61.4 50.7 76.1

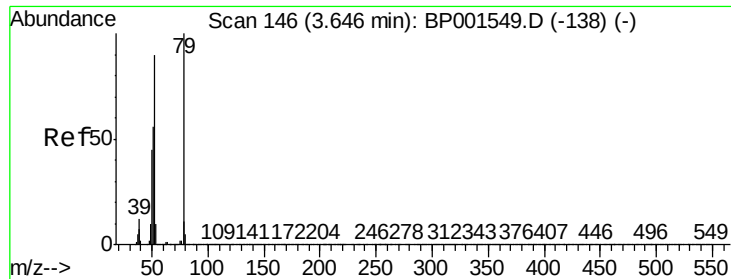


#2

1,4-Dioxane
Concen: 47.717 ng
RT: 3.22 min Scan# 74
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion: 88 Resp: 26847
Ion Ratio Lower Upper
88 100
58 90.4 69.5 104.3
43 51.2 40.3 60.5

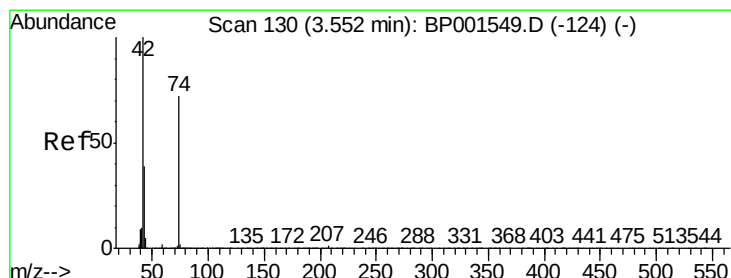
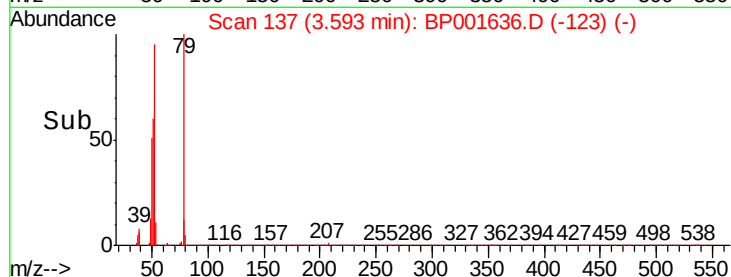
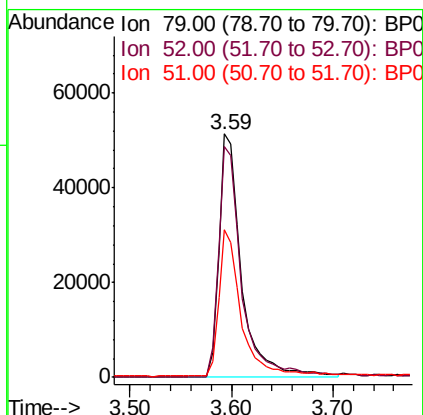
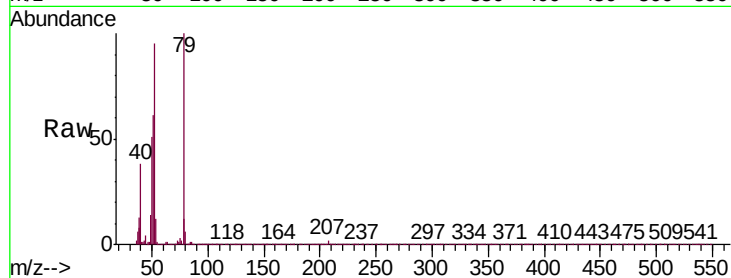




#3
Pyridine
Concen: 38.829 ng
RT: 3.59 min Scan# 137
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

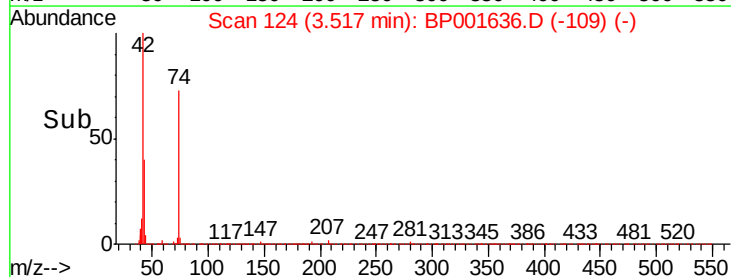
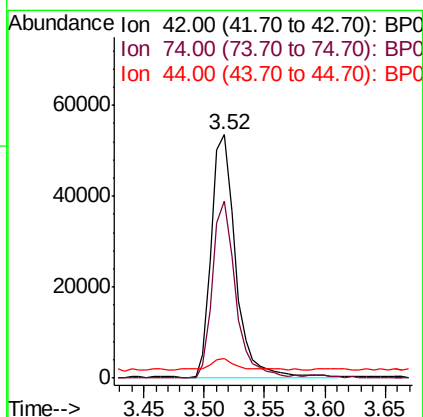
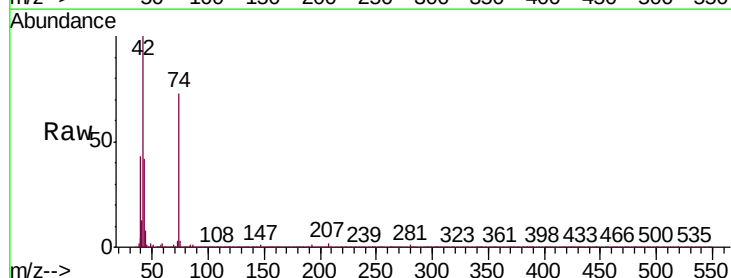
Instrument :
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SB-28-(4-6)MSD

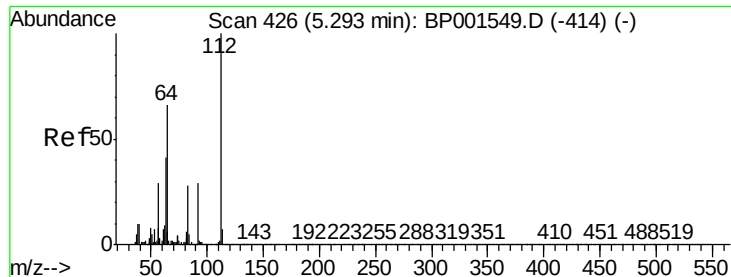
Tgt Ion: 79 Resp: 78943
Ion Ratio Lower Upper
79 100
52 94.6 72.1 108.1
51 60.6 44.8 67.2



#4
n-Nitrosodimethylamine
Concen: 51.336 ng
RT: 3.52 min Scan# 124
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion: 42 Resp: 73973
Ion Ratio Lower Upper
42 100
74 72.9 58.0 87.0
44 8.1 6.7 10.1





#5

2-Fluorophenol

Concen: 115.413 ng

RT: 5.26 min Scan# 420

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

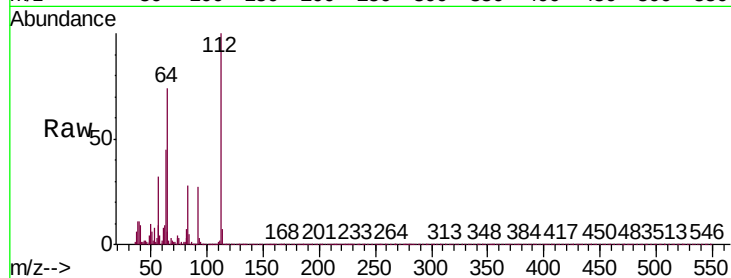
Tgt Ion: 112 Resp: 203470

Ion Ratio Lower Upper

112 100

64 74.1 52.8 79.2

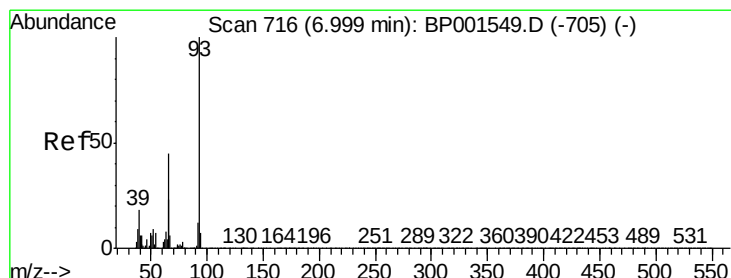
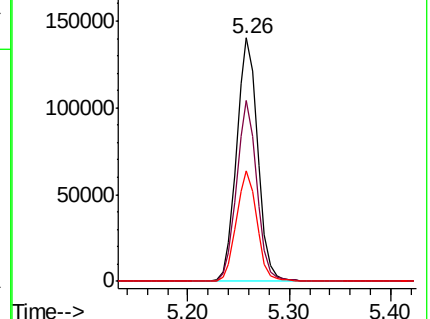
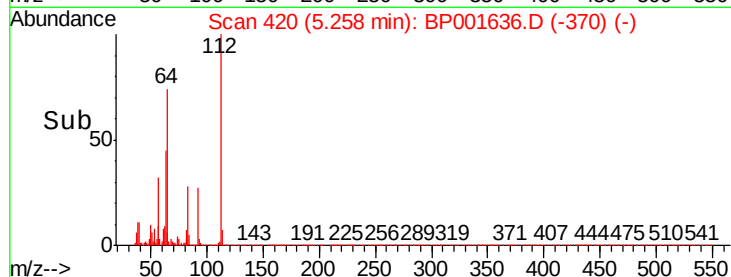
63 45.4 33.1 49.7



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: 35.458 ng

RT: 6.96 min Scan# 710

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

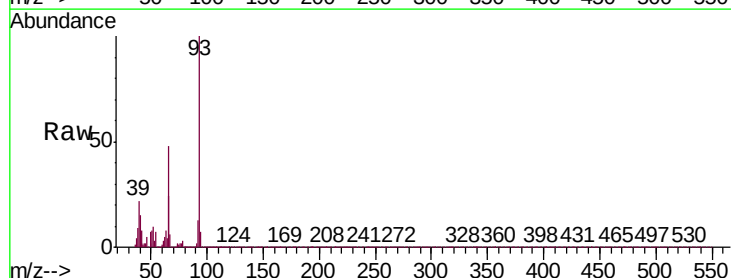
Tgt Ion: 93 Resp: 124918

Ion Ratio Lower Upper

93 100

66 48.3 36.4 54.6

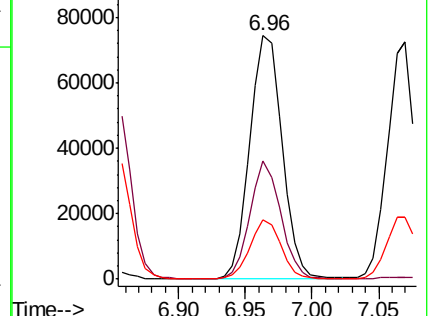
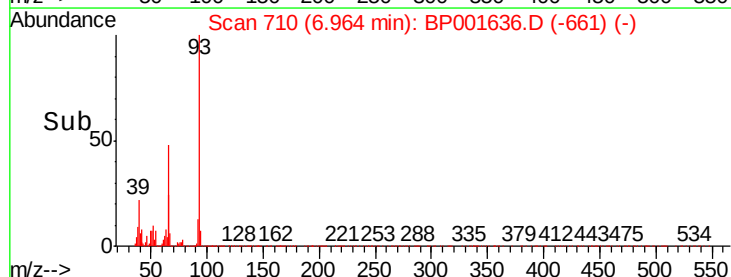
65 24.4 18.5 27.7

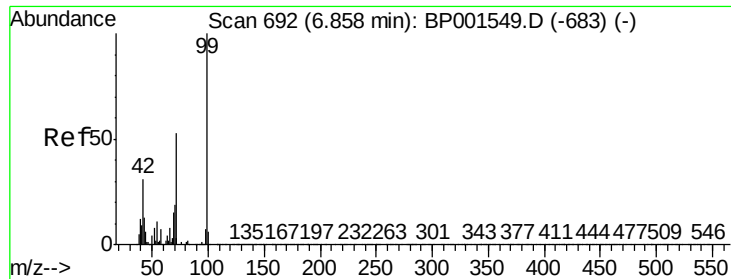


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 103.366 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

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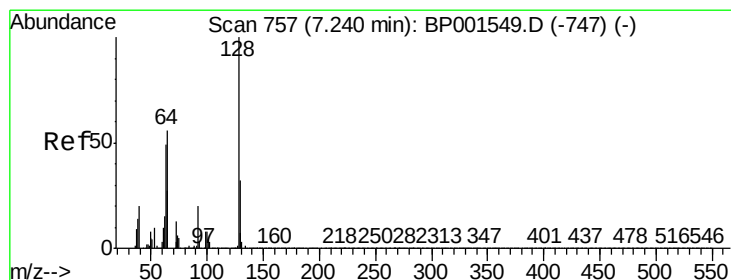
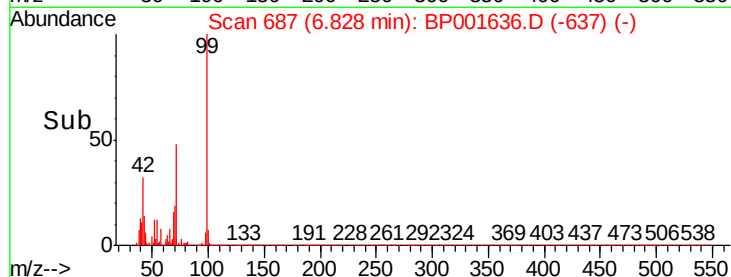
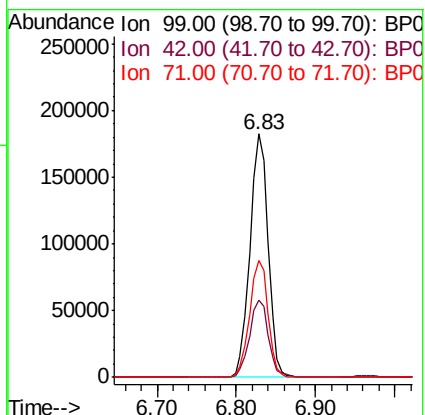
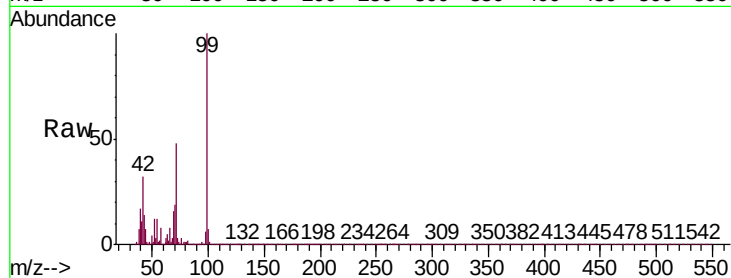
Tgt Ion: 99 Resp: 291241

Ion Ratio Lower Upper

99 100

42 31.8 24.5 36.7

71 48.2 42.4 63.6



#8

2-Chlorophenol

Concen: 48.477 ng

RT: 7.20 min Scan# 751

Delta R.T. -0.01 min

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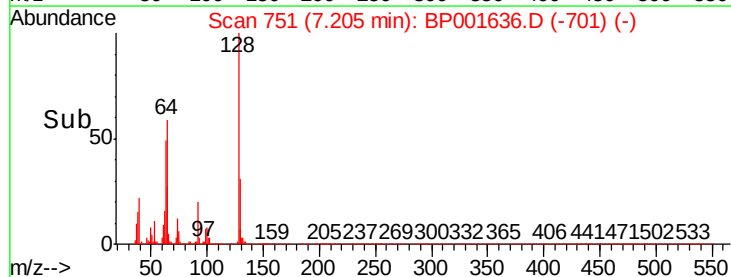
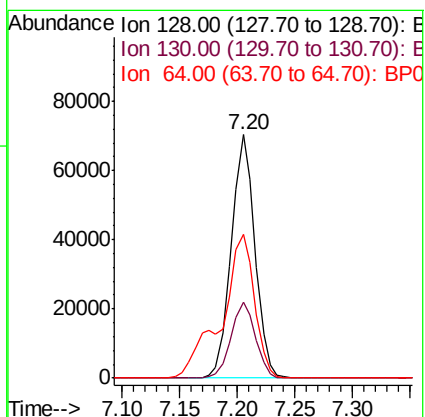
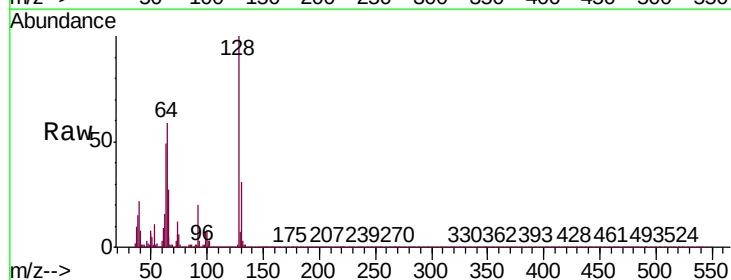
Tgt Ion: 128 Resp: 99776

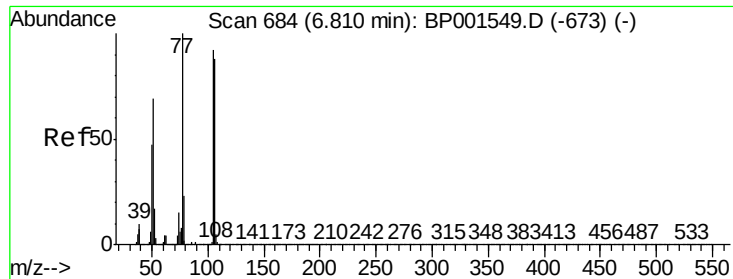
Ion Ratio Lower Upper

128 100

130 31.2 11.8 51.8

64 59.2 37.2 77.2





#9

Benzaldehyde

Concen: 38.299 ng

RT: 6.78 min Scan# 678

Delta R.T. -0.01 min

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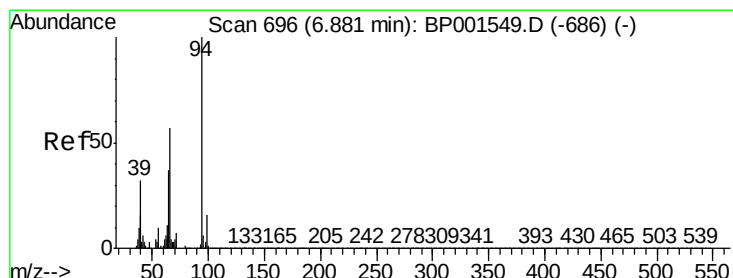
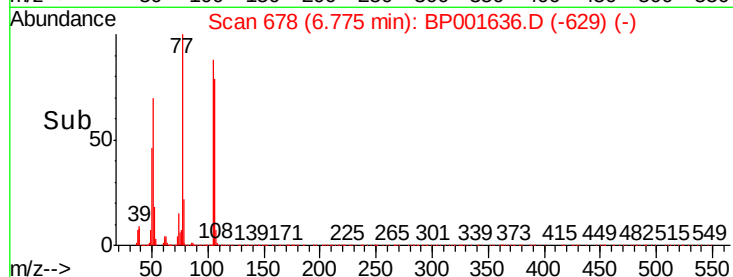
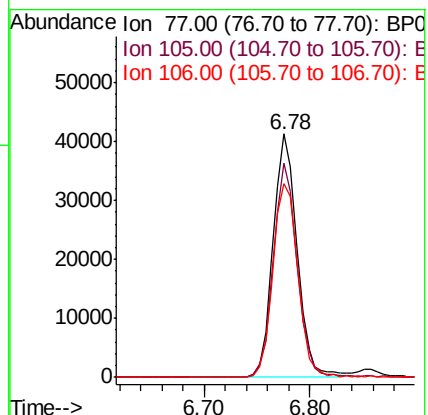
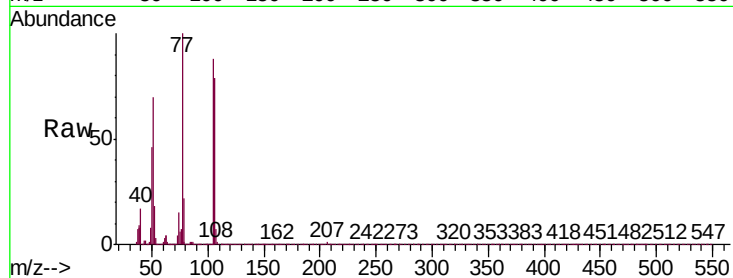
Tgt Ion: 77 Resp: 64456

Ion Ratio Lower Upper

77 100

105 88.2 71.6 111.6

106 79.3 67.7 107.7



#10

Phenol

Concen: 48.846 ng

RT: 6.86 min Scan# 692

Delta R.T. 0.00 min

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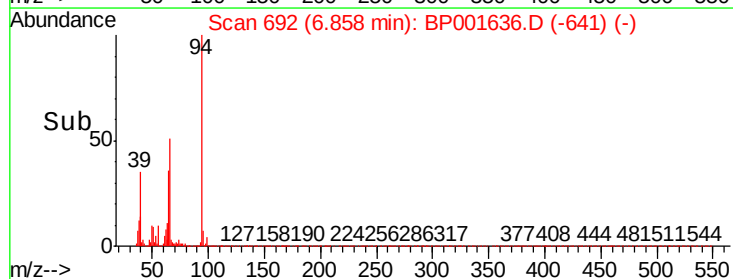
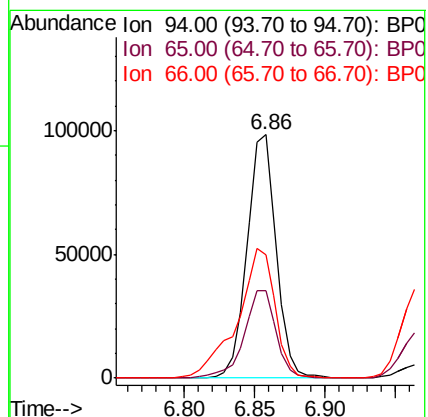
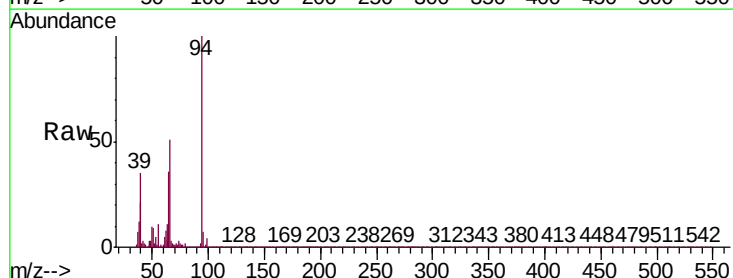
Tgt Ion: 94 Resp: 142370

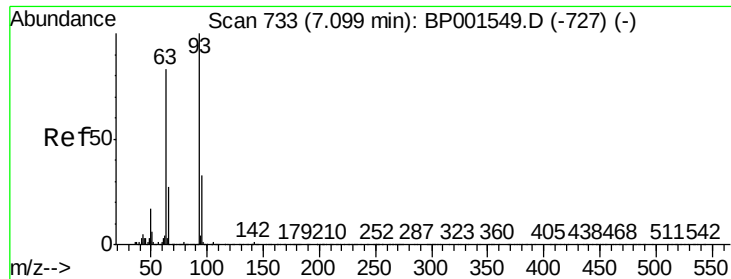
Ion Ratio Lower Upper

94 100

65 36.0 17.5 57.5

66 50.8 36.7 76.7

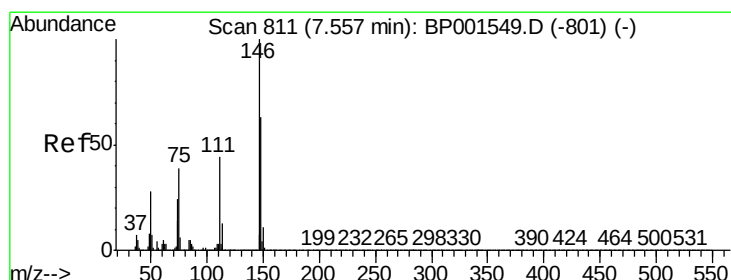
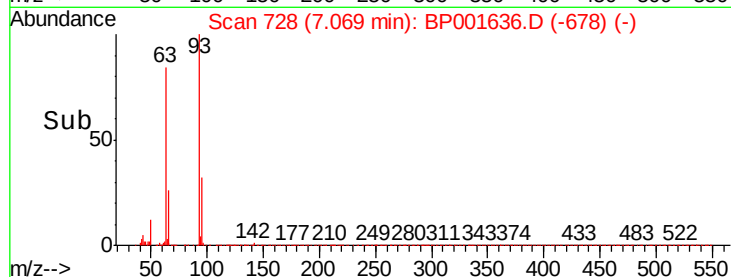
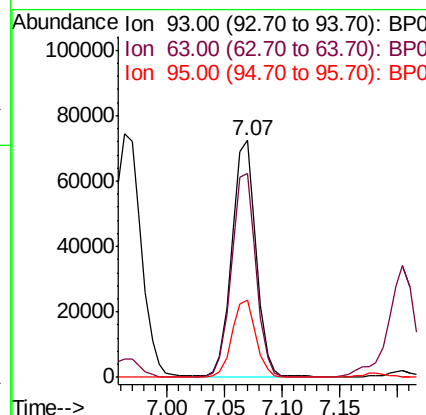
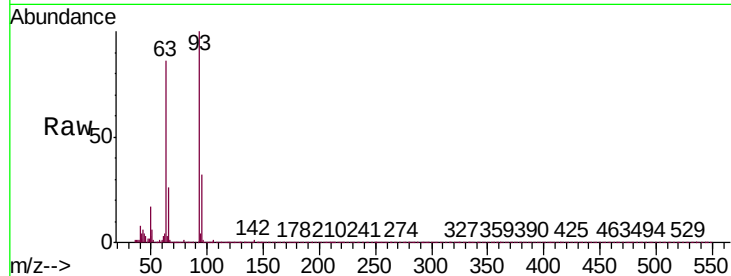




#11
bis(2-Chloroethyl)ether
Concen: 46.033 ng
RT: 7.07 min Scan# 728
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

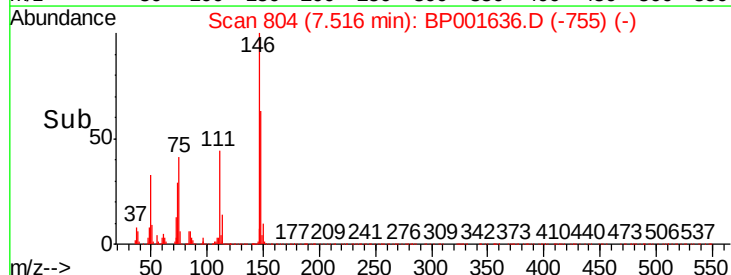
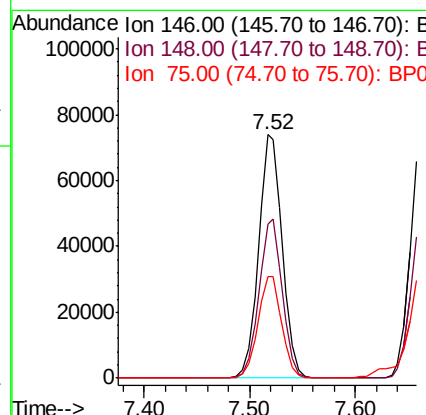
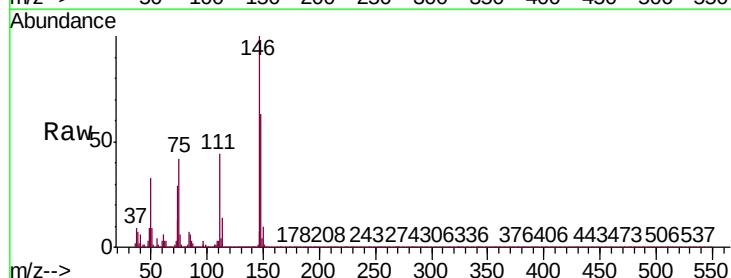
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

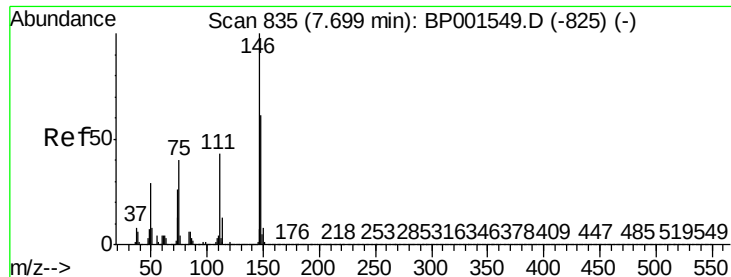
Tgt Ion:	93	Resp:	105227
Ion	Ratio	Lower	Upper
93	100		
63	86.1	63.2	103.2
95	32.4	12.6	52.6



#12
1,3-Dichlorobenzene
Concen: 44.614 ng
RT: 7.52 min Scan# 804
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	146	Resp:	115426
Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.2	75.2
75	41.9	31.1	46.7





#13

1,4-Dichlorobenzene

Concen: 44.055 ng

RT: 7.66 min Scan# 829

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

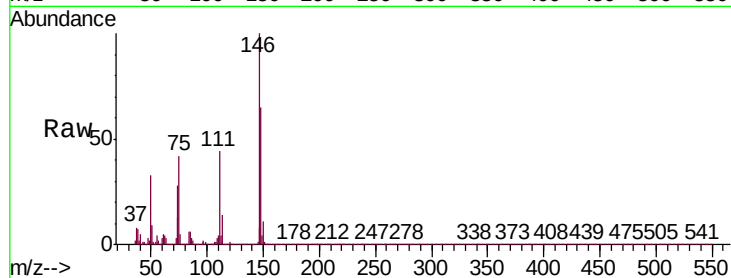
Tgt Ion:146 Resp: 117857

Ion Ratio Lower Upper

146 100

148 65.2 48.6 73.0

111 44.5 34.3 51.5

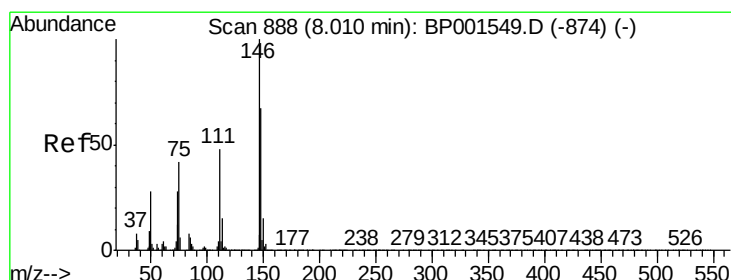
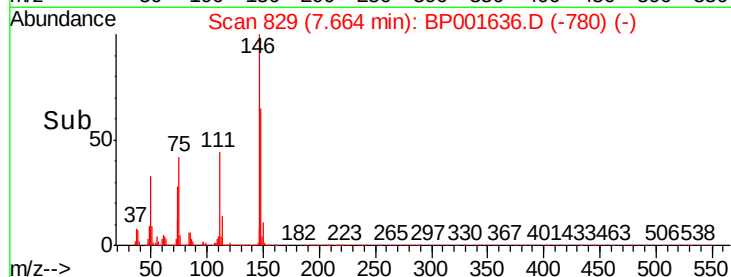
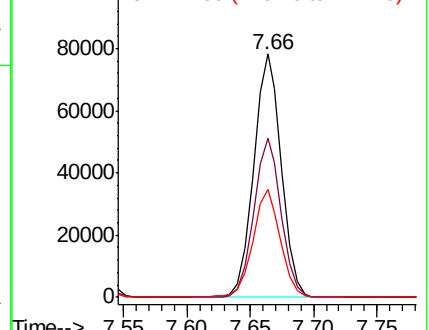


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.333 ng

RT: 7.98 min Scan# 882

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

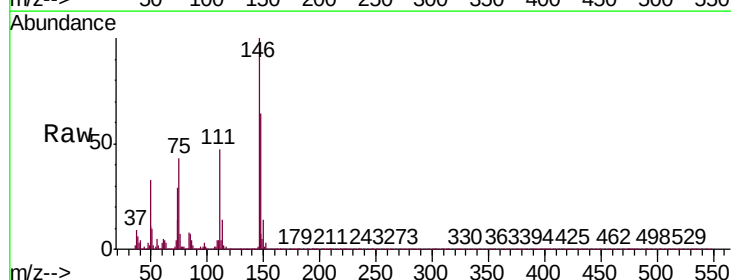
Tgt Ion:146 Resp: 112030

Ion Ratio Lower Upper

146 100

148 63.8 53.9 80.9

111 46.5 38.2 57.4

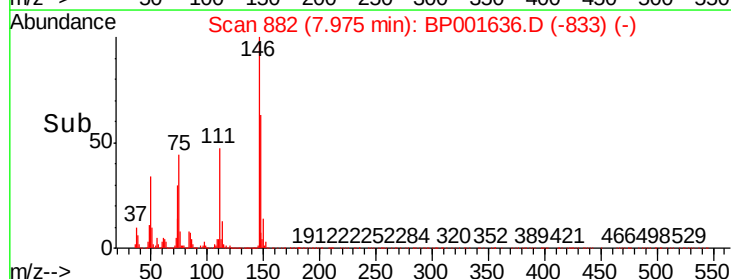
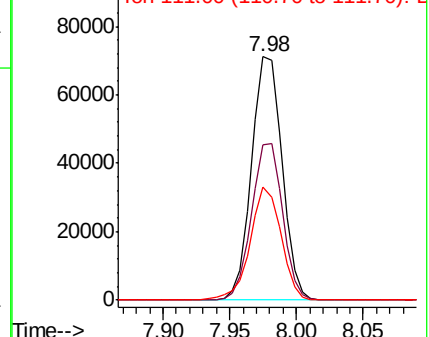


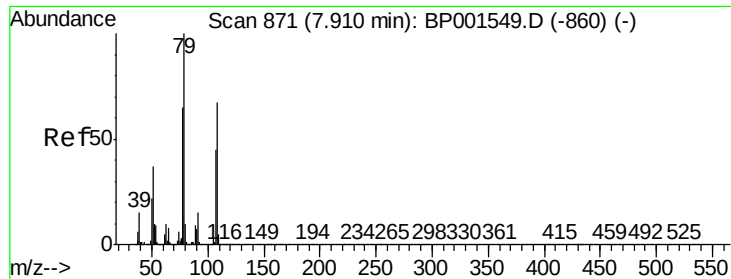
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

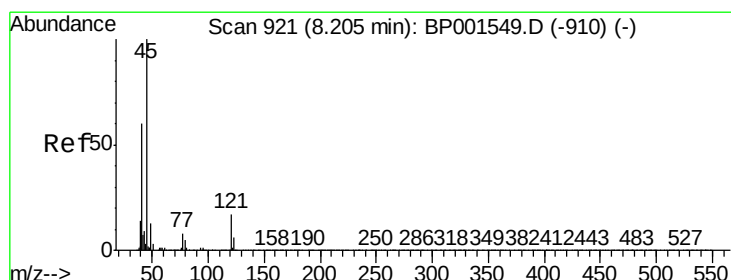
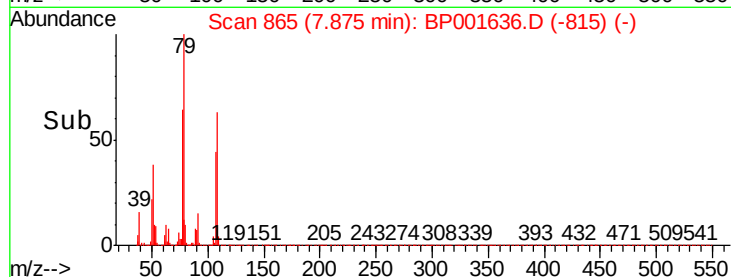
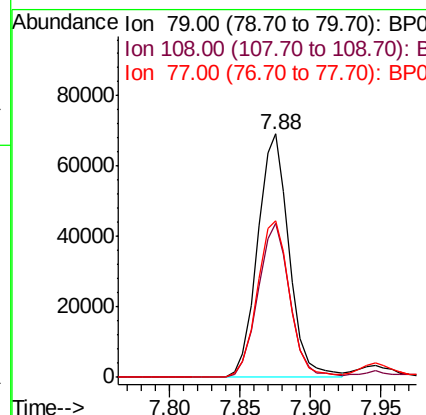
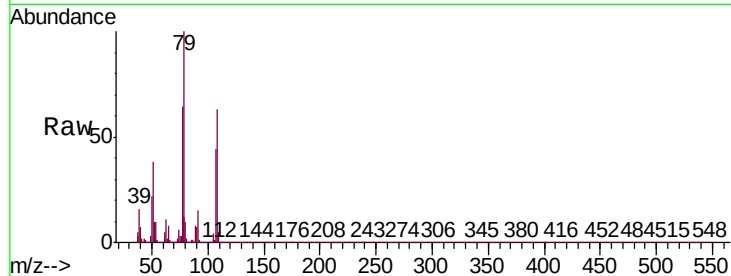




#15
Benzyl Alcohol
Concen: 40.840 ng
RT: 7.88 min Scan# 865
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

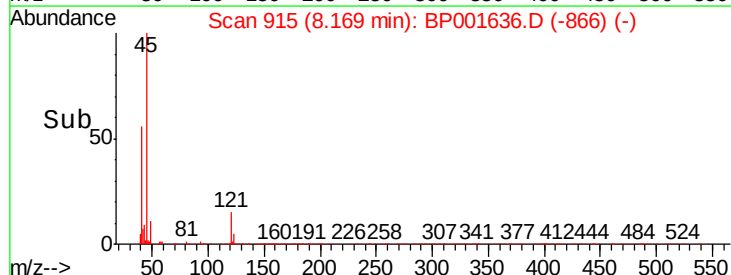
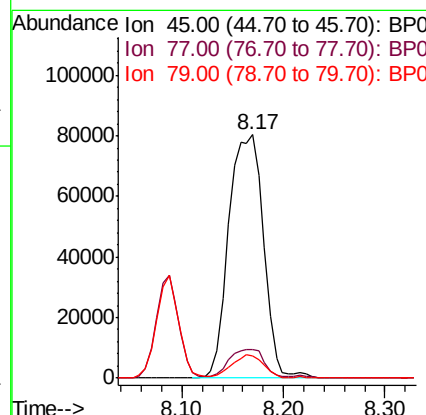
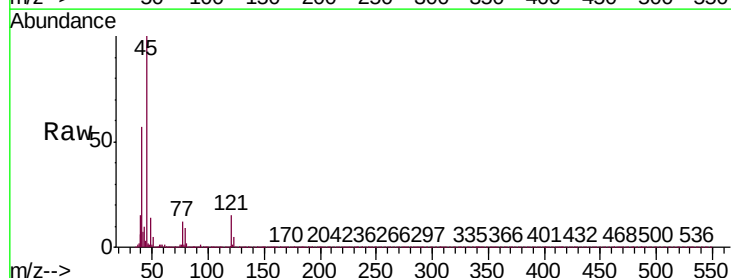
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

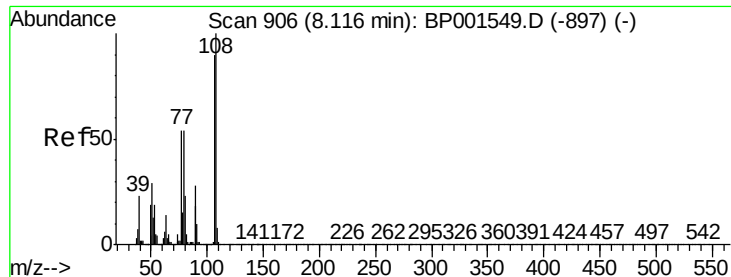
Tgt Ion	Ratio	Lower	Upper
79	100		
108	63.0	53.2	79.8
77	64.4	52.1	78.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.901 ng
RT: 8.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.6
79	9.3	0.0	29.3

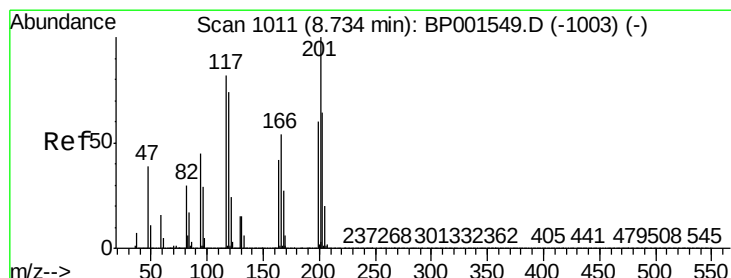
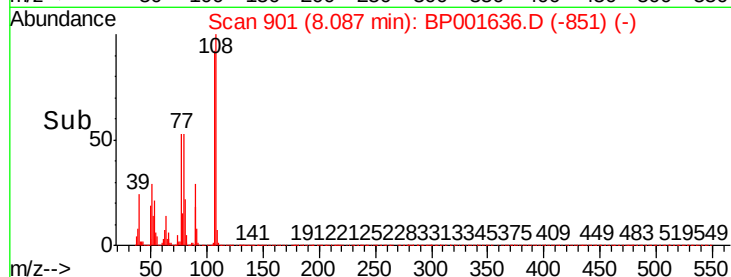
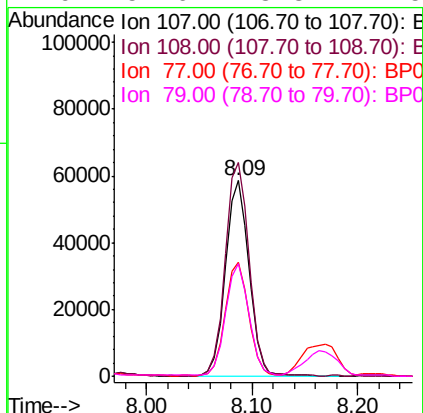
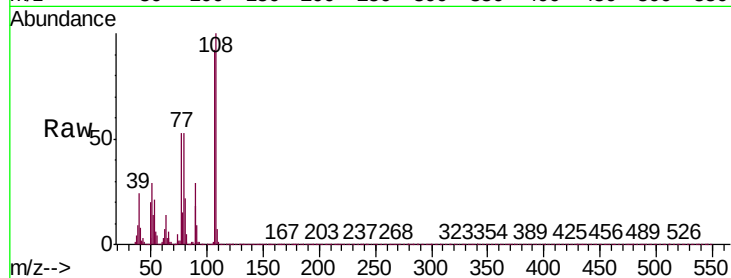




#17
2-Methylphenol
Concen: 44.608 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

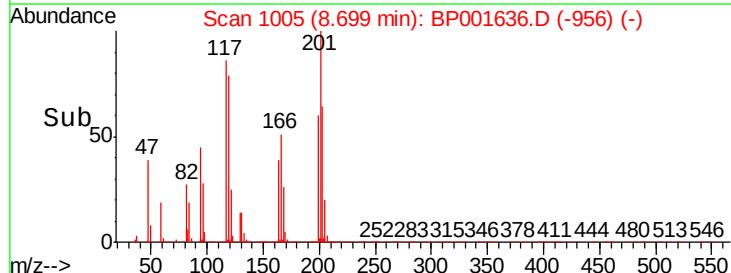
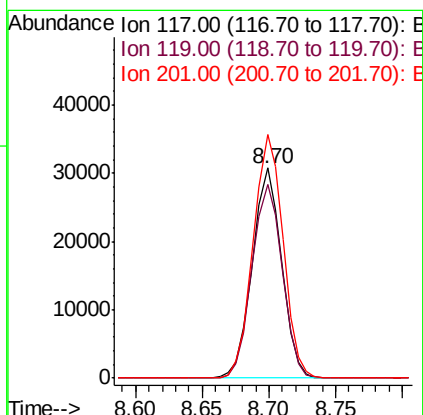
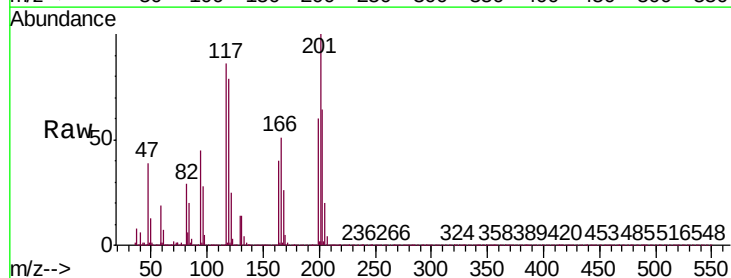
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

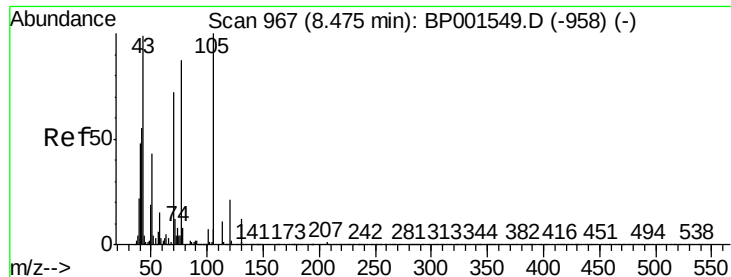
Tgt Ion:	107	Resp:	90271
Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.2	133.8
77	58.1	47.9	71.9
79	57.6	48.3	72.5



#18
Hexachloroethane
Concen: 44.422 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	117	Resp:	46393
Ion	Ratio	Lower	Upper
117	100		
119	91.9	71.8	107.8
201	115.8	97.6	146.4

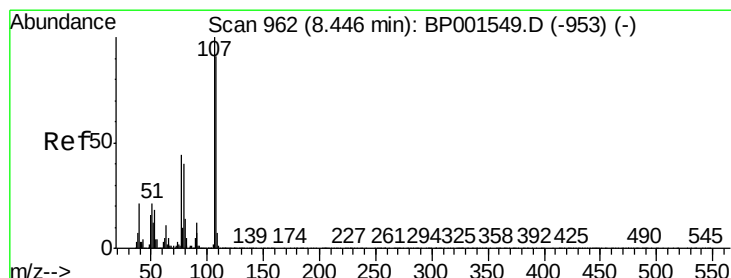
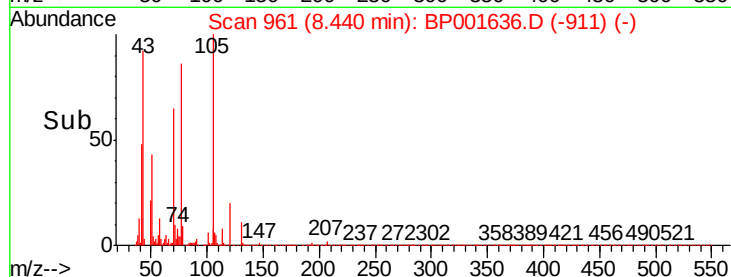
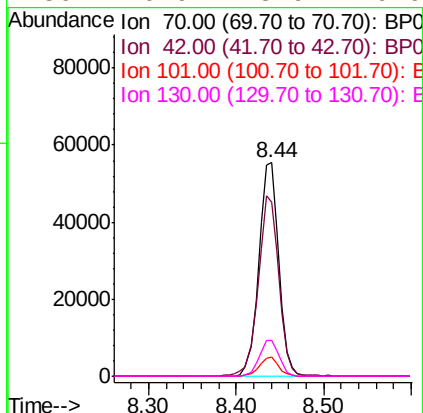
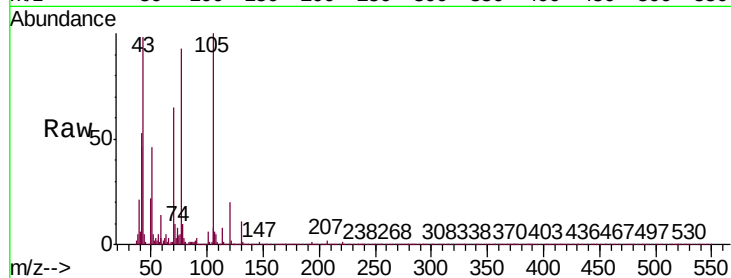




#19
n-Nitroso-di-n-propylamine
Concen: 40.671 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

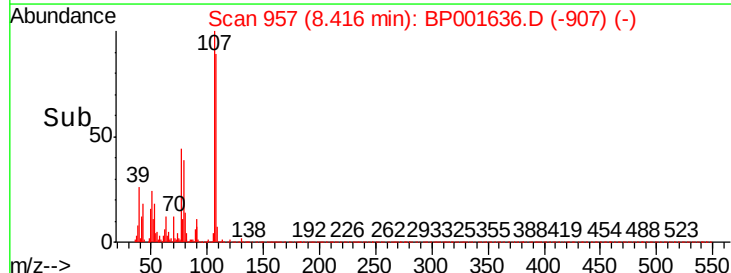
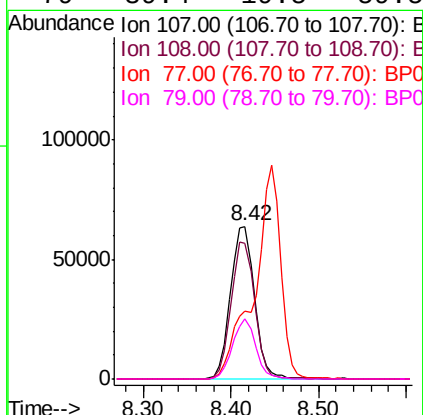
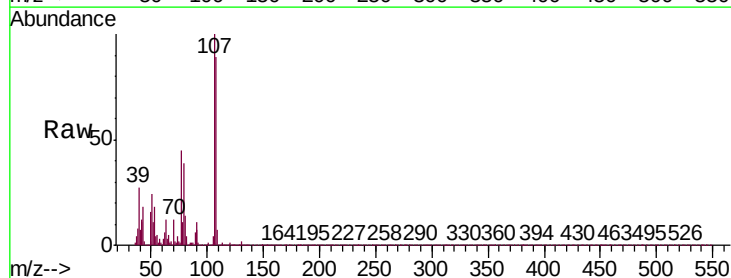
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

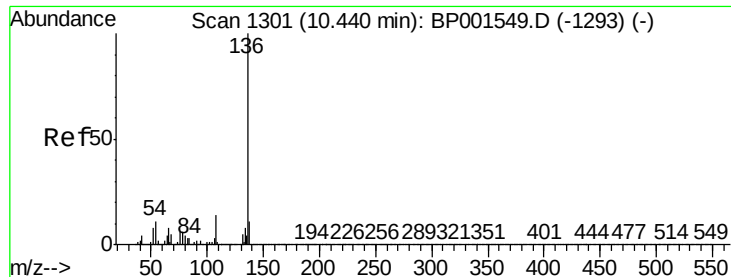
Tgt Ion:	70	Resp:	87366
Ion	Ratio	Lower	Upper
70	100		
42	81.8	62.3	93.5
101	8.9	7.3	10.9
130	16.9	13.9	20.9



#20
3+4-Methylphenols
Concen: 41.569 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	107	Resp:	117667
Ion	Ratio	Lower	Upper
107	100		
108	89.2	71.2	111.2
77	44.7	24.4	64.4
79	39.4	19.5	59.5

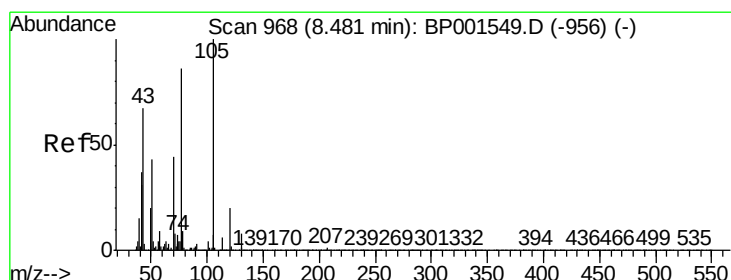
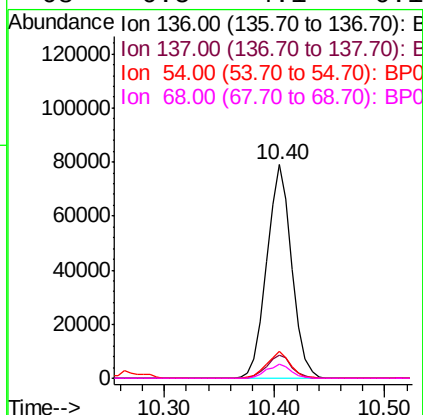
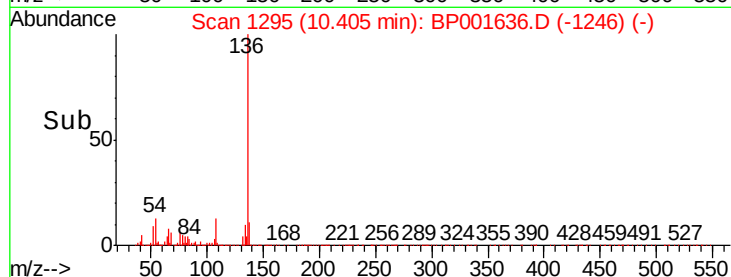
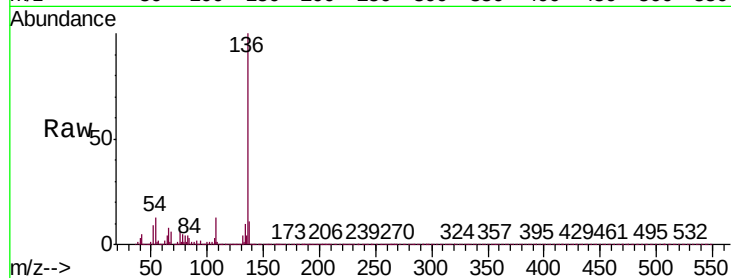




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

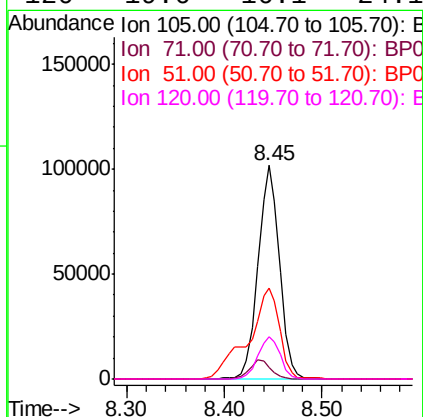
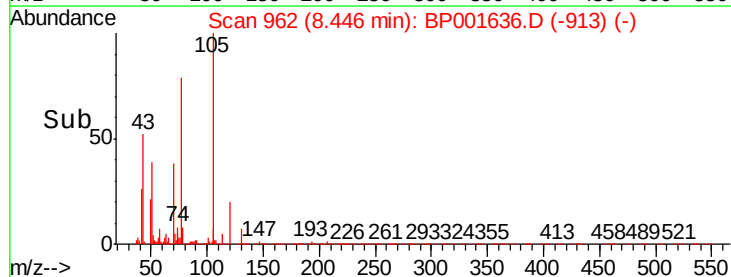
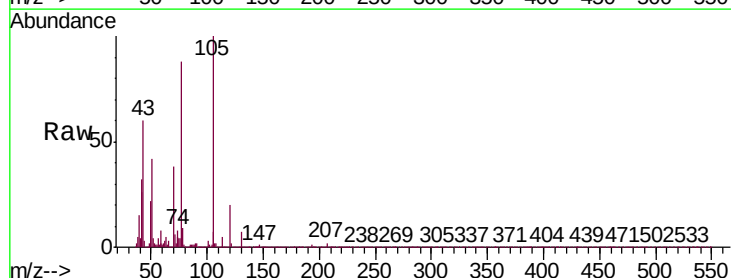
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

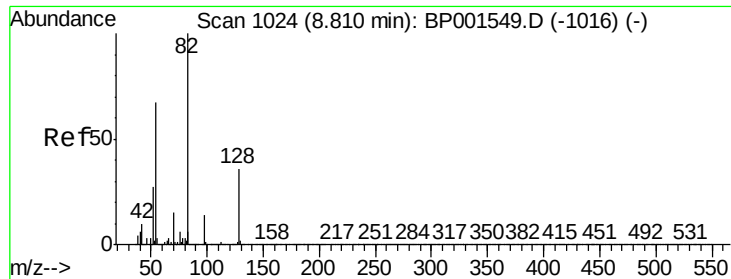
Tgt Ion:	136	Resp:	124291
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	12.6	9.2	13.8
68	6.5	4.1	6.1#



#22
Acetophenone
Concen: 45.343 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	105	Resp:	157983
Ion	Ratio	Lower	Upper
105	100		
71	5.5	6.6	10.0#
51	42.4	34.1	51.1
120	19.6	16.1	24.1

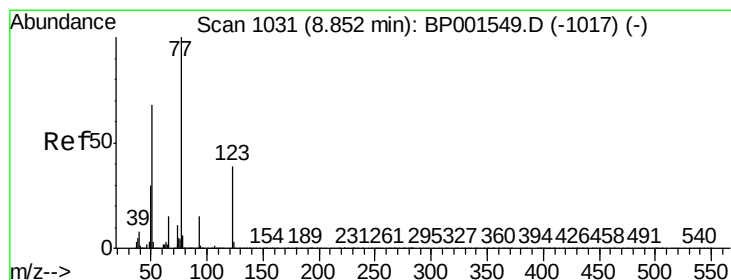
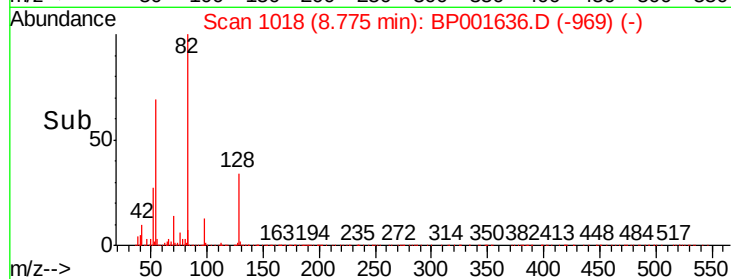
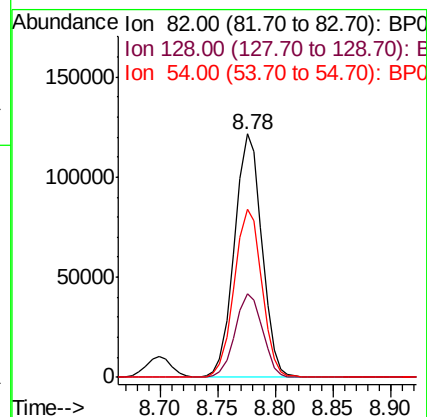
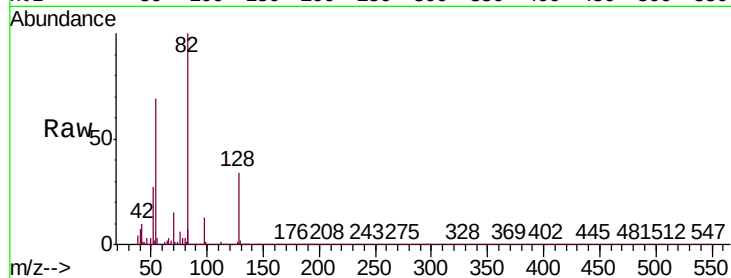




#23
 Nitrobenzene-d5
 Concen: 70.313 ng
 RT: 8.78 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

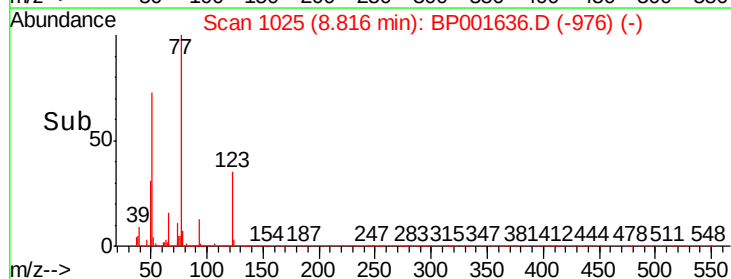
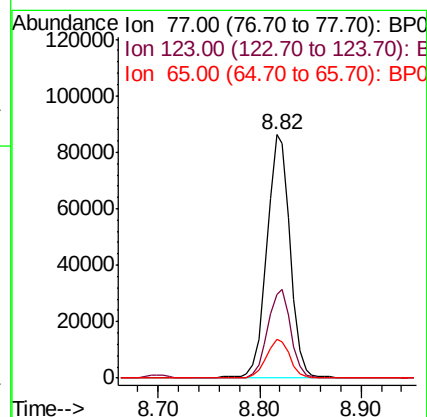
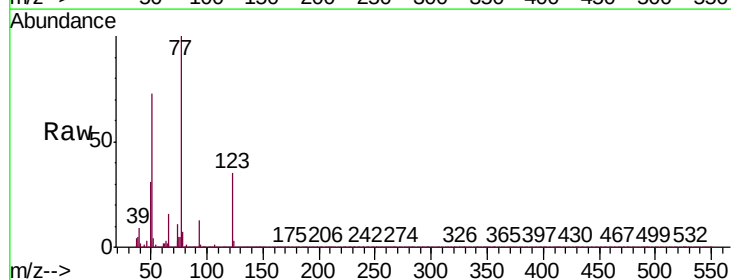
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

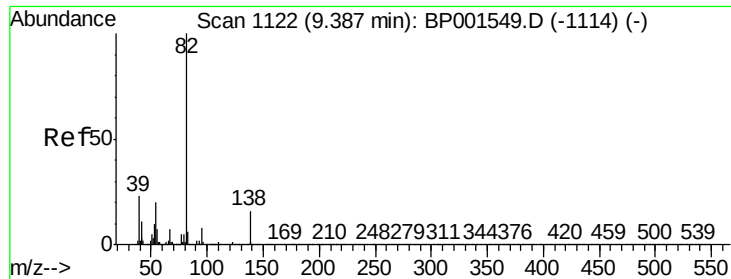
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.4	42.6
54	69.0	53.4	80.2



#24
 Nitrobenzene
 Concen: 47.706 ng
 RT: 8.82 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.5	31.1	46.7
65	16.0	12.4	18.6





#25

Isophorone

Concen: 45.884 ng

RT: 9.35 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

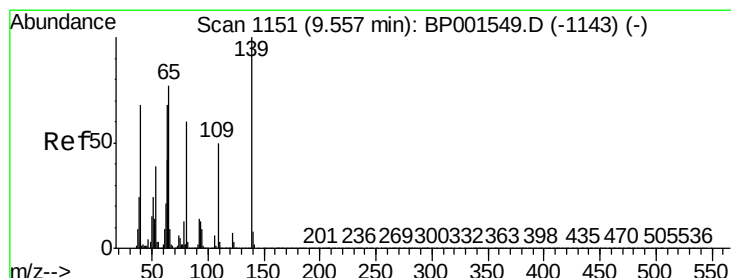
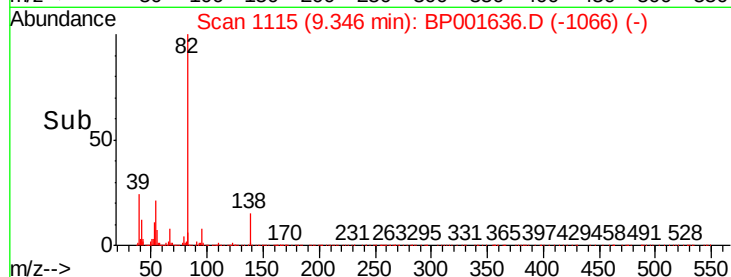
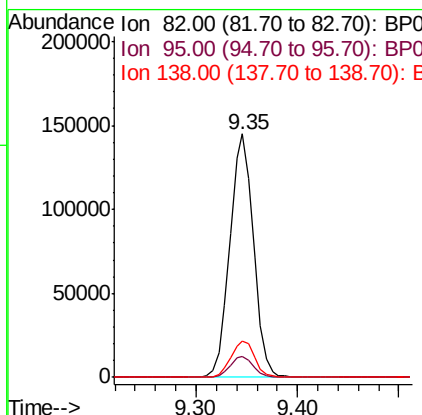
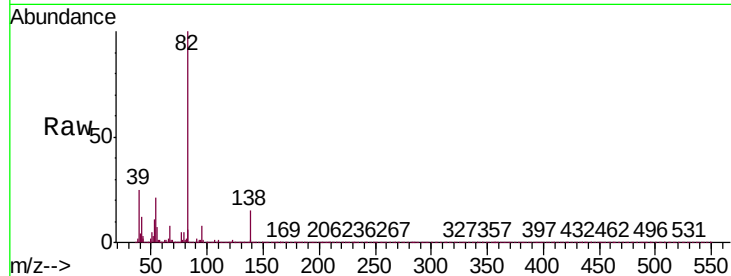
Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

Tgt Ion:	82	Resp:	234035
Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	14.8	12.5	18.7



#26

2-Nitrophenol

Concen: 48.880 ng

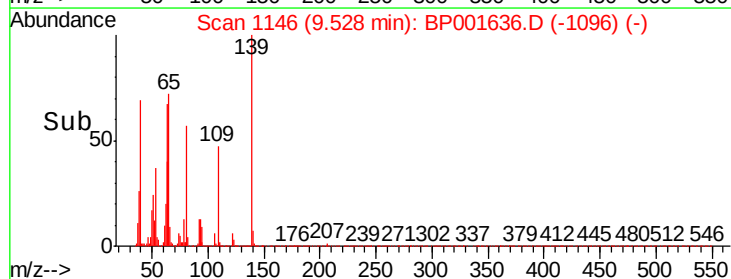
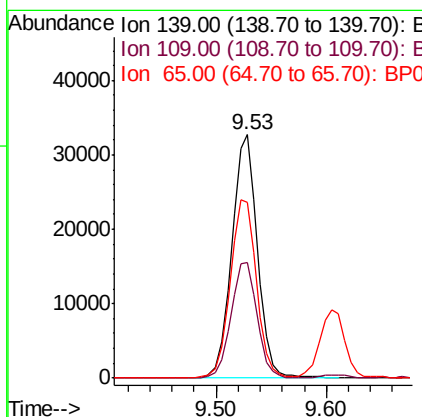
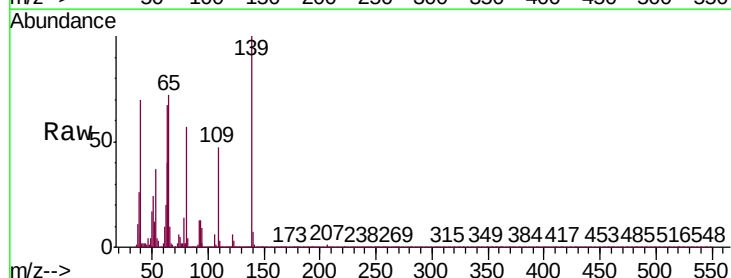
RT: 9.53 min Scan# 1146

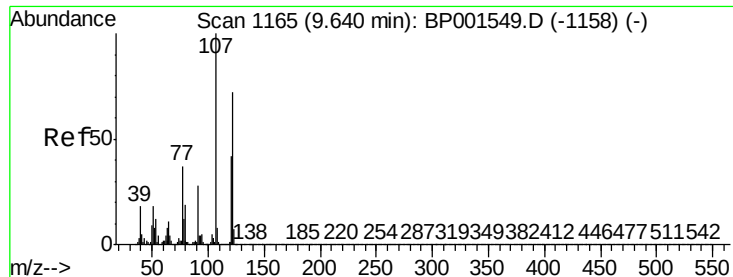
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	139	Resp:	53155
Ion	Ratio	Lower	Upper
139	100		
109	47.2	39.6	59.4
65	72.2	61.3	91.9

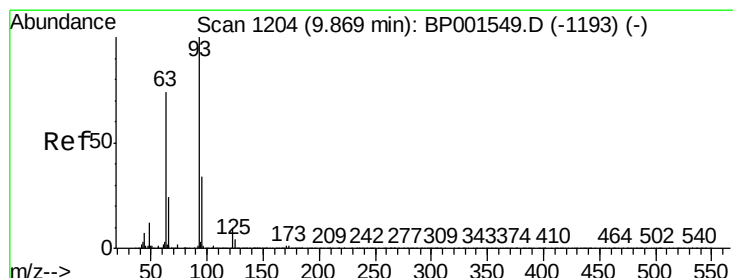
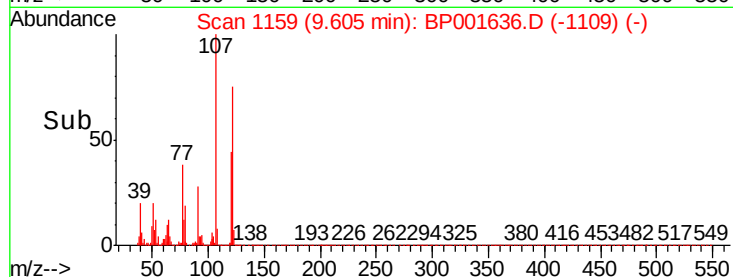
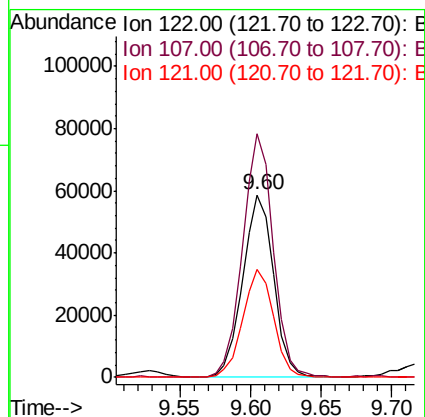
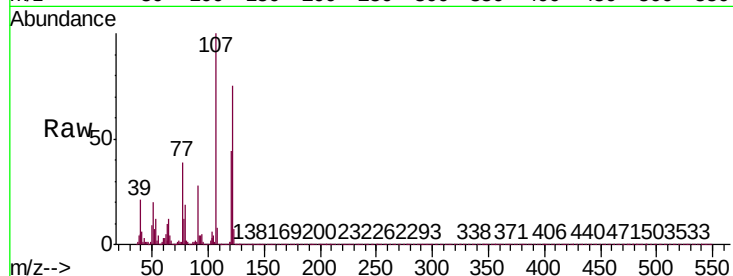




#27
2,4-Dimethylphenol
Concen: 55.246 ng
RT: 9.60 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

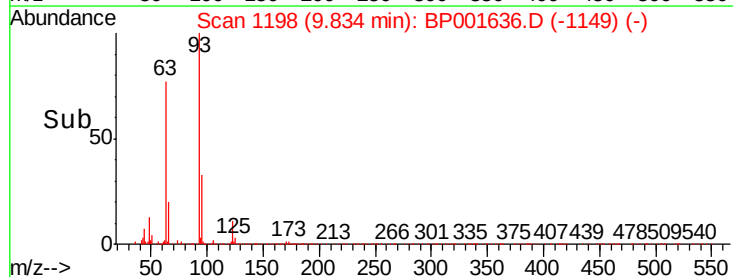
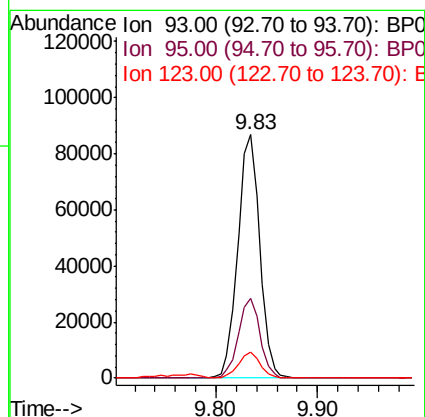
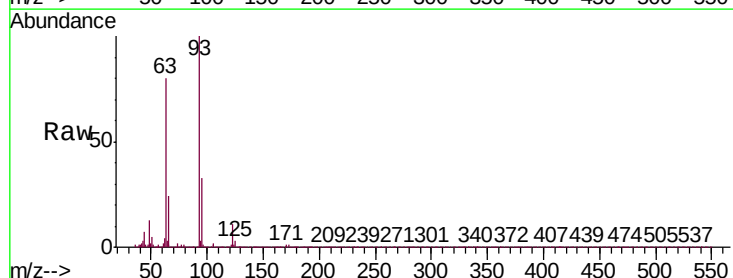
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

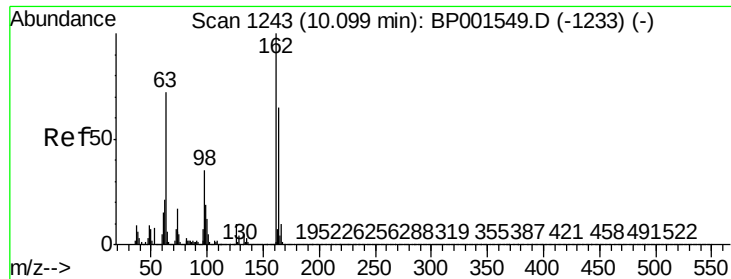
Tgt Ion	Ratio	Lower	Upper
122	100		
107	133.6	111.8	167.6
121	59.0	47.4	71.0



#28
bis(2-Chloroethoxy)methane
Concen: 43.538 ng
RT: 9.83 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.9	40.3
123	10.8	8.0	12.0

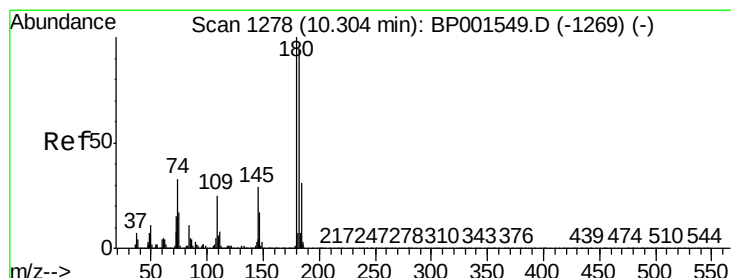
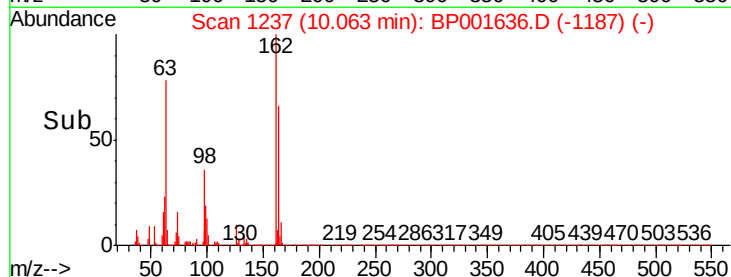
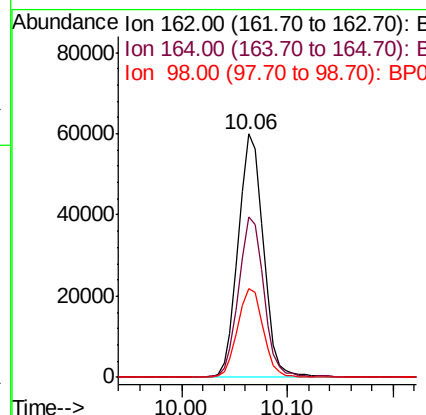
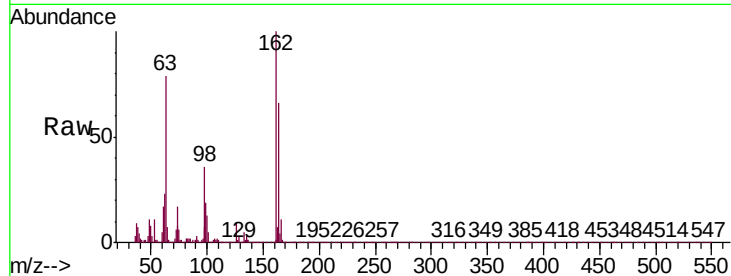




#29
2,4-Dichlorophenol
Concen: 44.298 ng
RT: 10.06 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

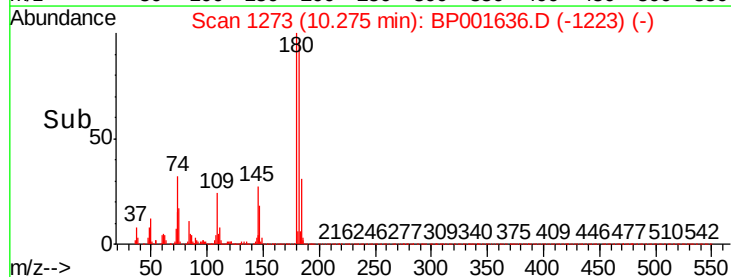
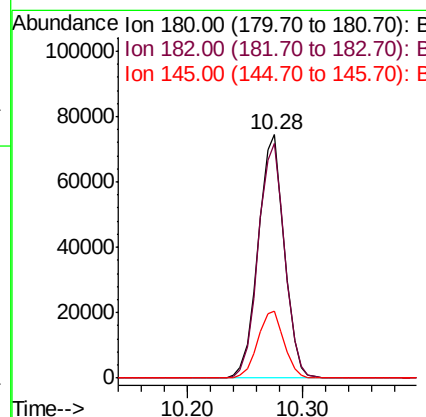
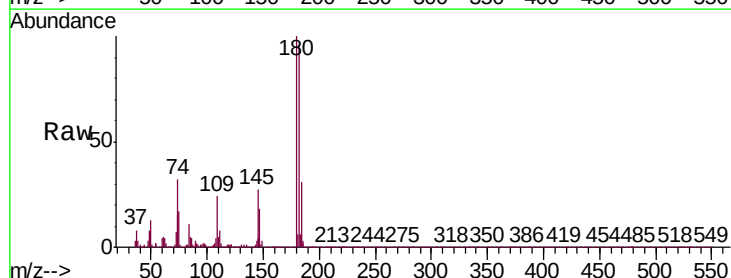
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

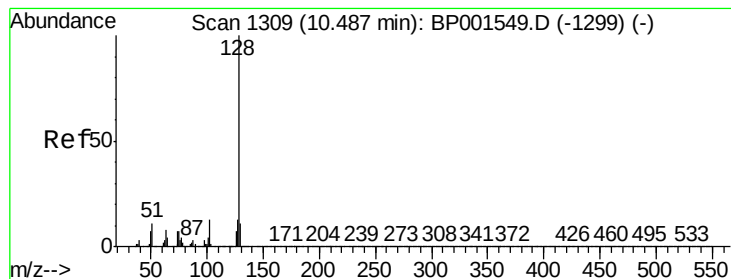
Tgt Ion:	162	Resp:	98509
Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.9	84.9
98	36.3	14.9	54.9



#30
1,2,4-Trichlorobenzene
Concen: 43.799 ng
RT: 10.28 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	180	Resp:	117582
Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.2	112.8
145	27.3	22.9	34.3





#31

Naphthalene

Concen: 45.791 ng

RT: 10.46 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

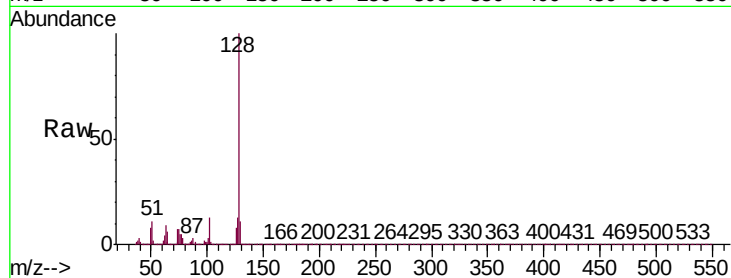
Tgt Ion:128 Resp: 300373

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

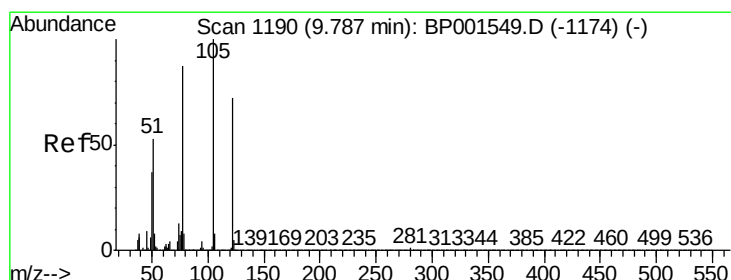
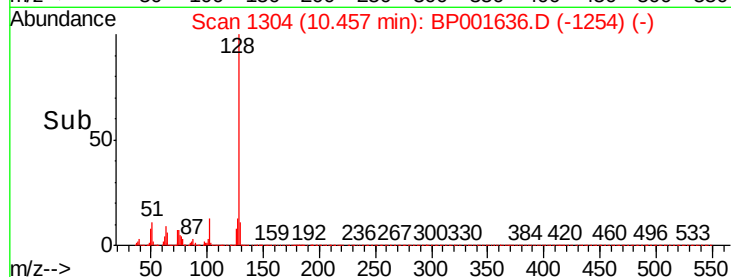
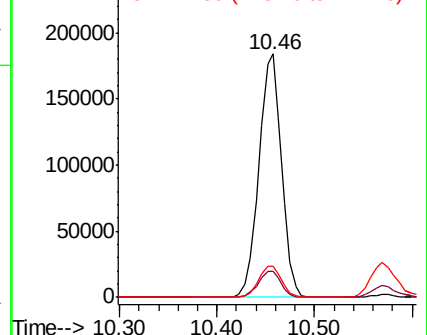
127 12.8 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.399 ng

RT: 9.78 min Scan# 1188

Delta R.T. 0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

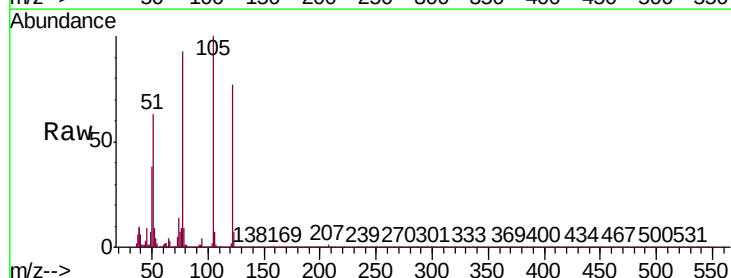
Tgt Ion:122 Resp: 52998

Ion Ratio Lower Upper

122 100

105 129.6 119.5 159.5

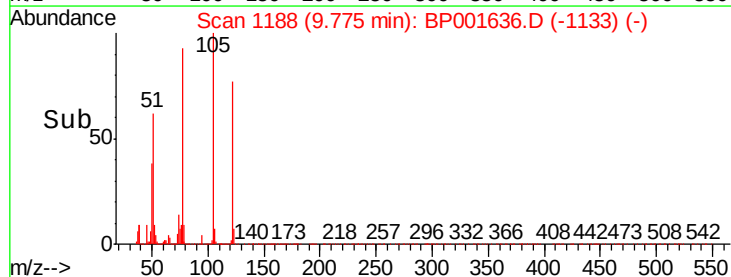
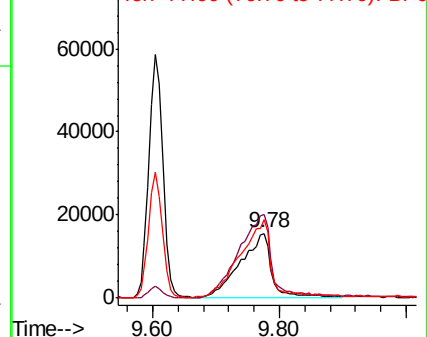
77 120.5 102.8 142.8

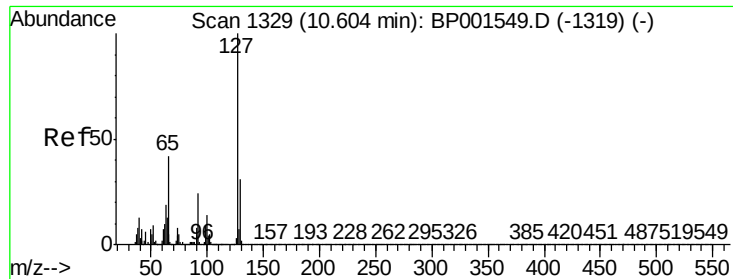


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BPO

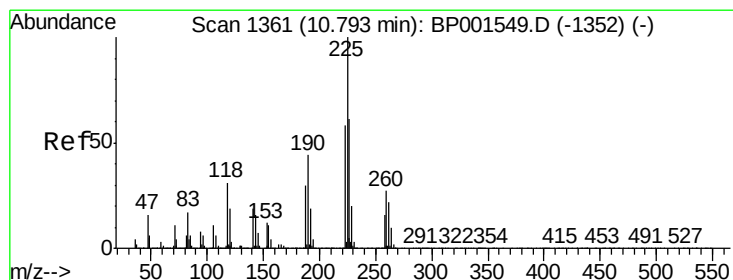
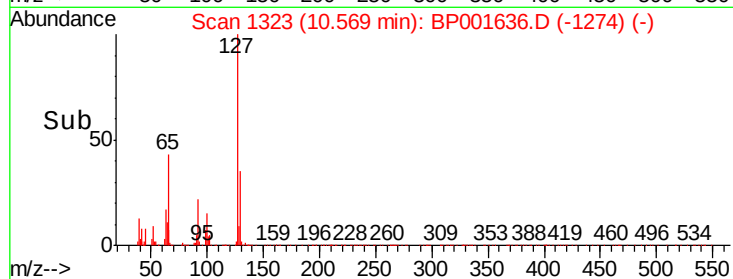
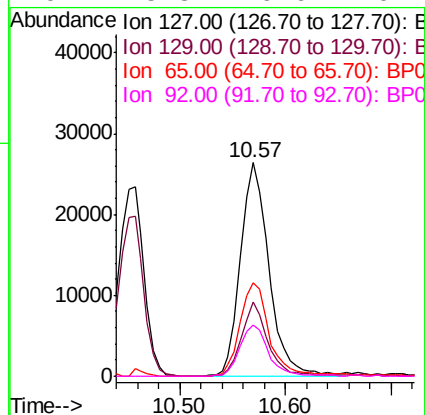
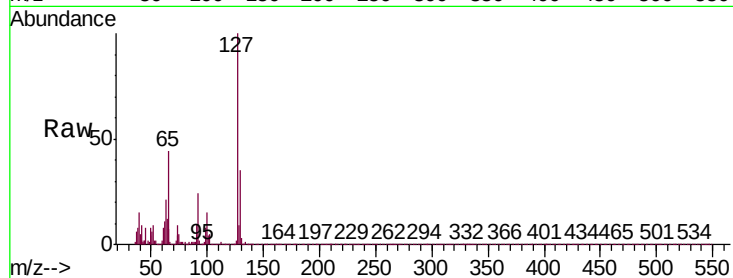




#33
4-Chloroaniline
Concen: 16.315 ng
RT: 10.57 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

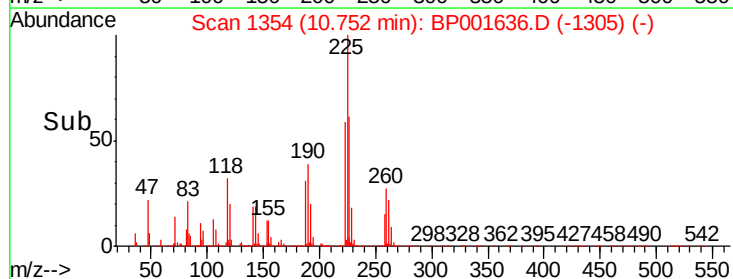
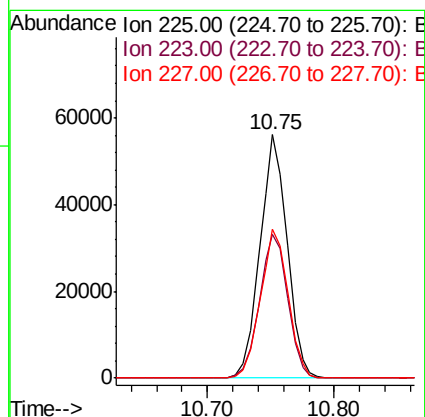
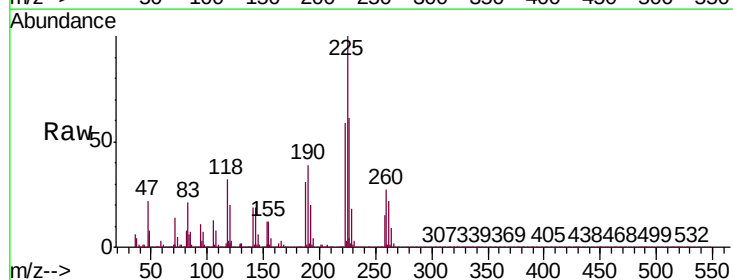
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

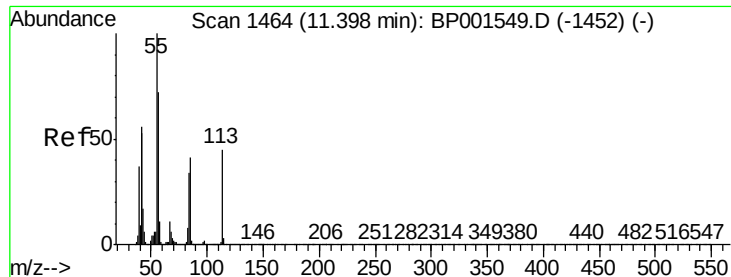
Tgt Ion:	127	Resp:	49277
Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.9	37.3
65	43.5	33.3	49.9
92	23.8	19.6	29.4



#34
Hexachlorobutadiene
Concen: 44.037 ng
RT: 10.75 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	225	Resp:	83686
Ion	Ratio	Lower	Upper
225	100		
223	58.9	46.5	69.7
227	60.9	48.8	73.2

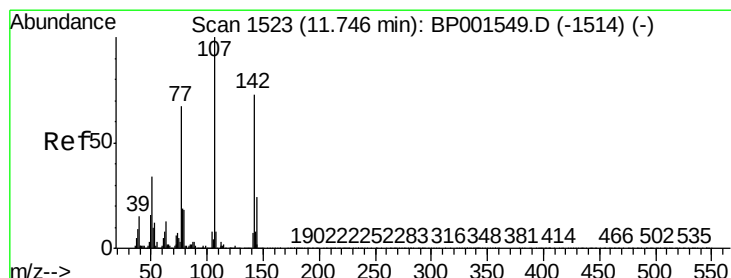
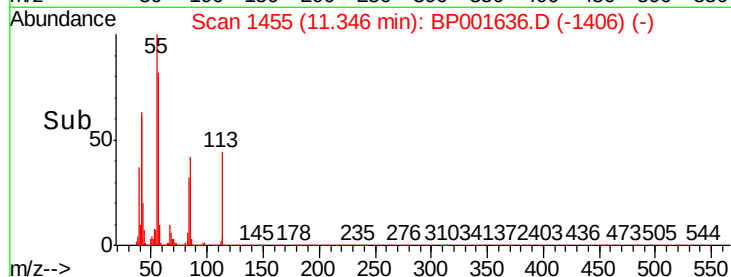
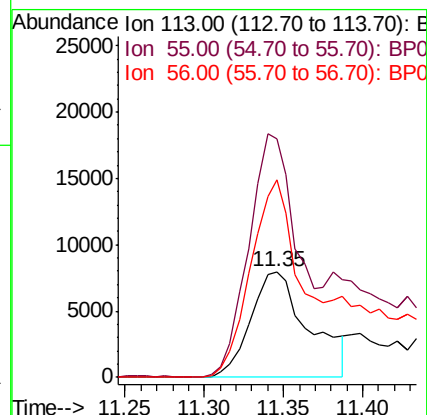
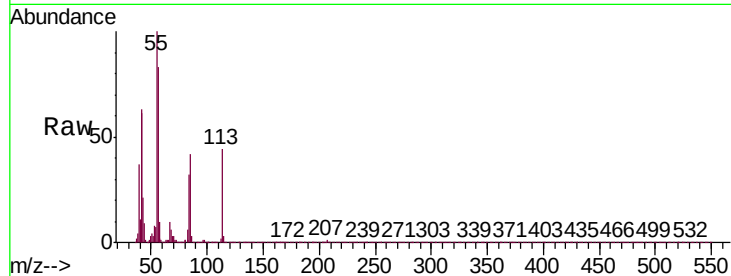




#35
 Caprolactam
 Concen: 25.224 ng
 RT: 11.35 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

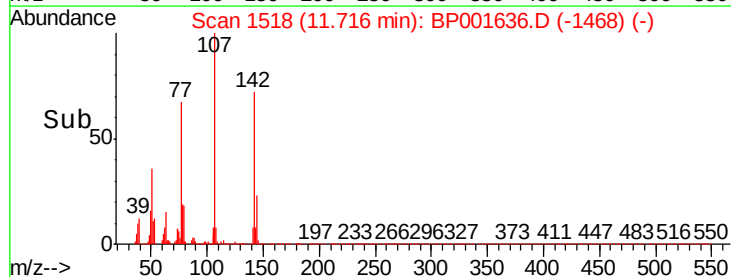
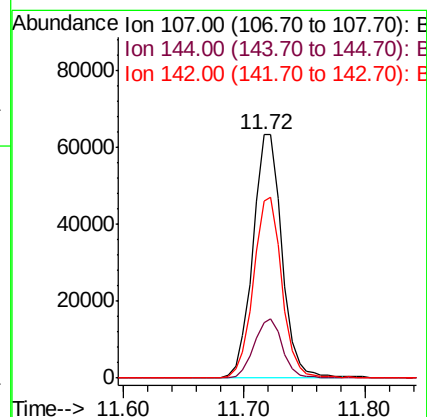
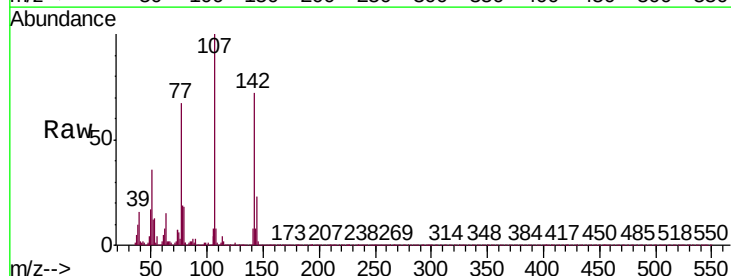
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

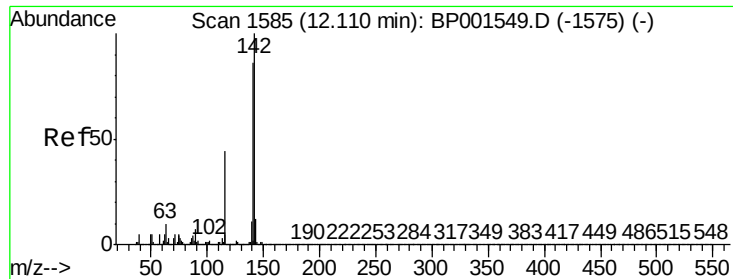
Tgt Ion: 113 Resp: 20369
 Ion Ratio Lower Upper
 113 100
 55 226.0 202.7 242.7
 56 186.7 140.0 180.0#



#36
 4-Chloro-3-methylphenol
 Concen: 39.807 ng
 RT: 11.72 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion: 107 Resp: 106237
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.9 28.3
 142 72.5 58.0 87.0

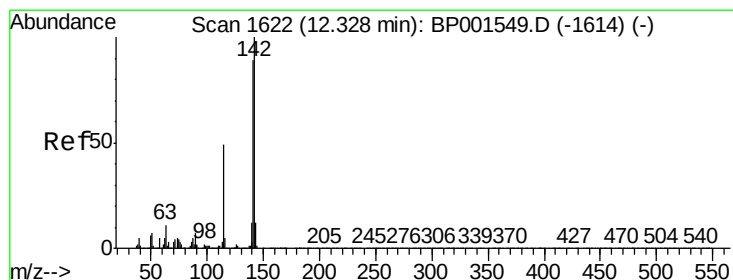
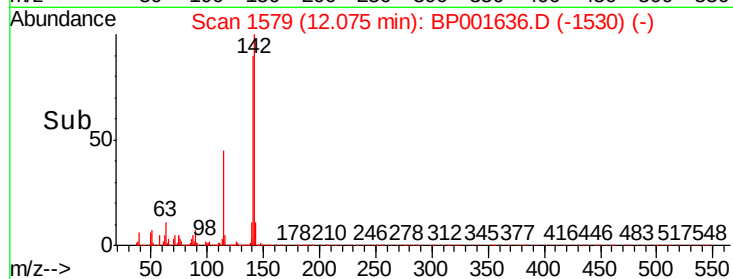
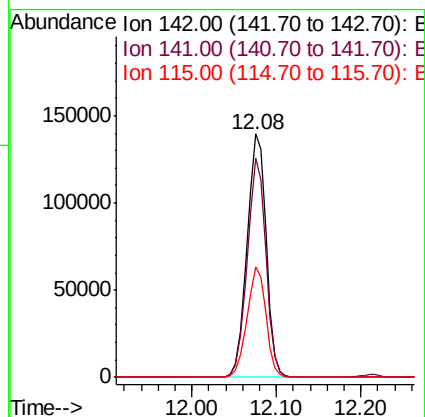
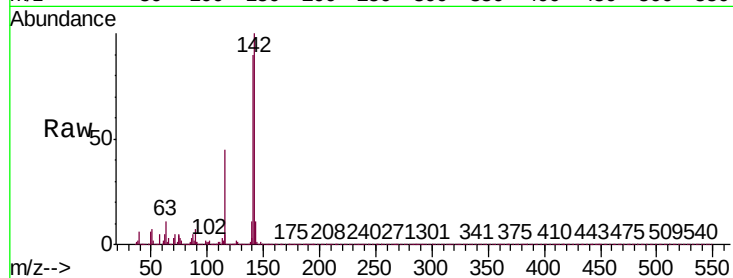




#37
2-Methylnaphthalene
Concen: 41.715 ng
RT: 12.08 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

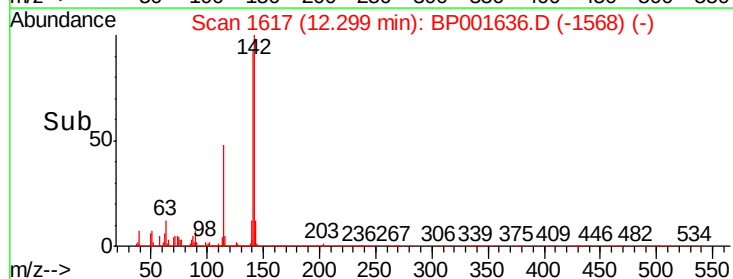
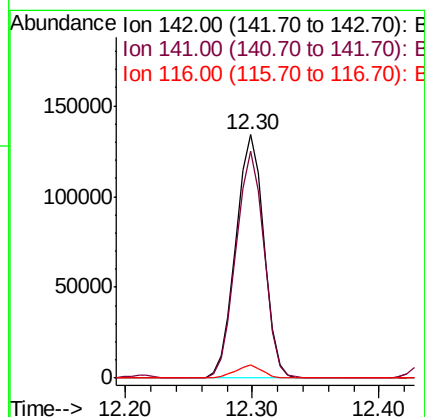
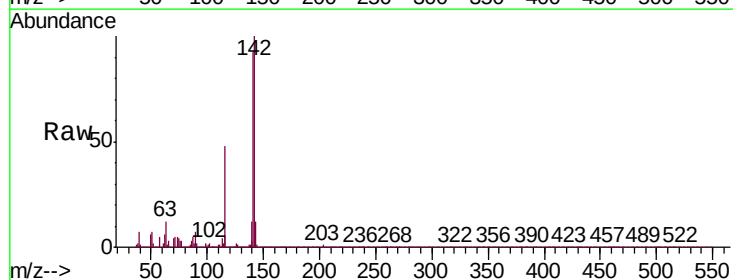
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

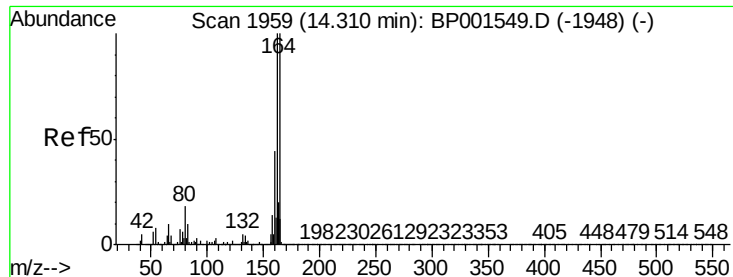
Tgt Ion:	142	Resp:	218076
Ion Ratio	Lower	Upper	
142	100		
141	90.1	68.4	102.6
115	45.3	35.1	52.7



#38
1-Methylnaphthalene
Concen: 40.867 ng
RT: 12.30 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	142	Resp:	205593
Ion Ratio	Lower	Upper	
142	100		
141	93.1	70.9	106.3
116	5.2	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

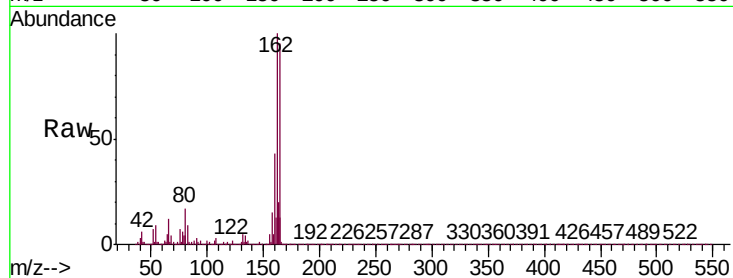
Tgt Ion:164 Resp: 79110

Ion Ratio Lower Upper

164 100

162 105.2 79.8 119.6

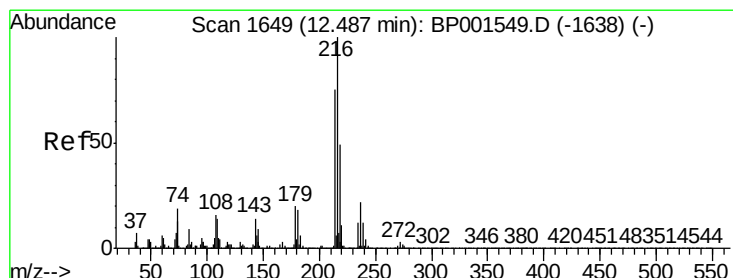
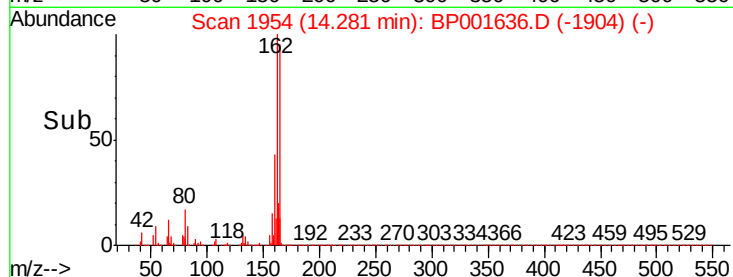
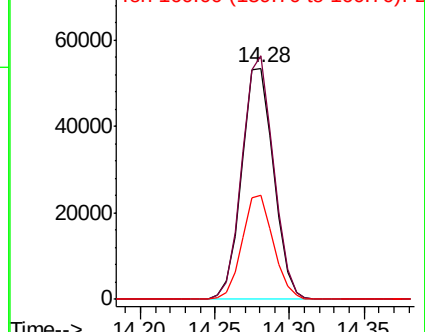
160 45.1 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.590 ng

RT: 12.45 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:216 Resp: 139807

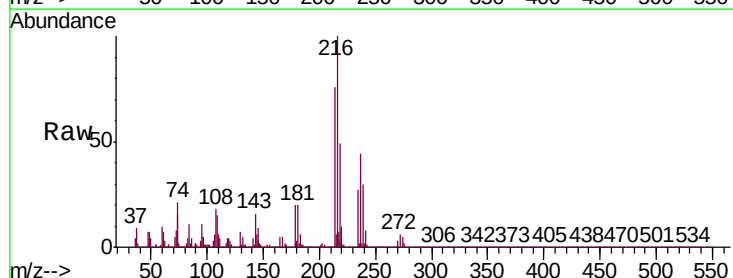
Ion Ratio Lower Upper

216 100

214 78.5 61.3 91.9

179 20.0 15.7 23.5

108 20.3 14.2 21.4

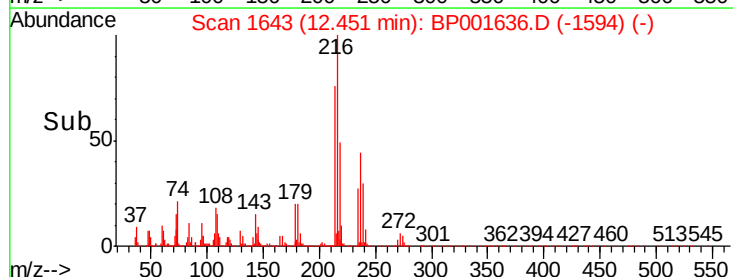
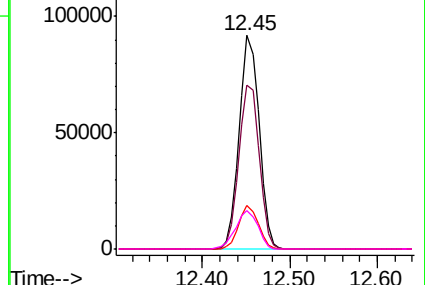


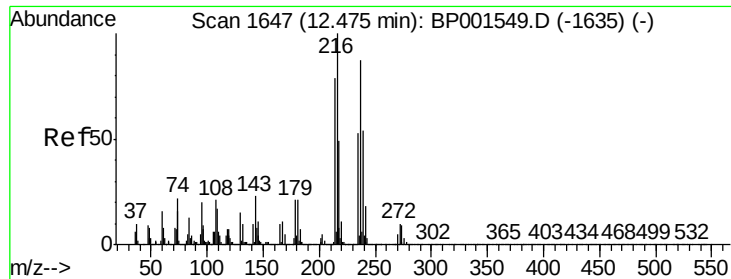
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

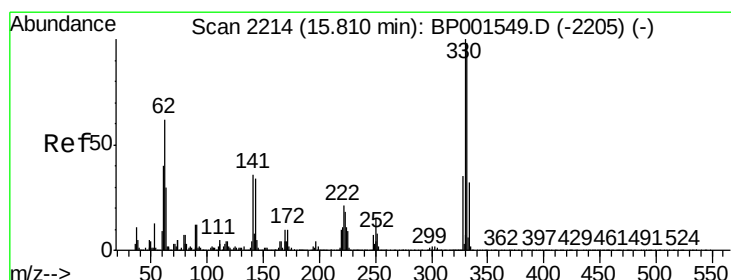
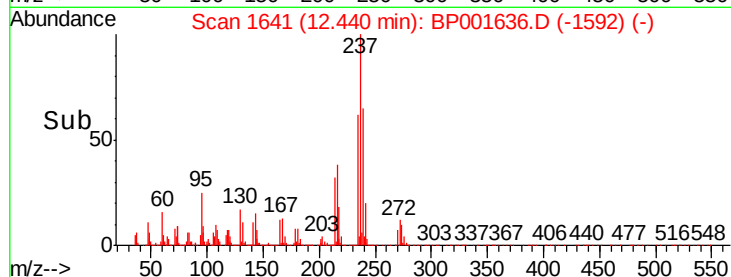
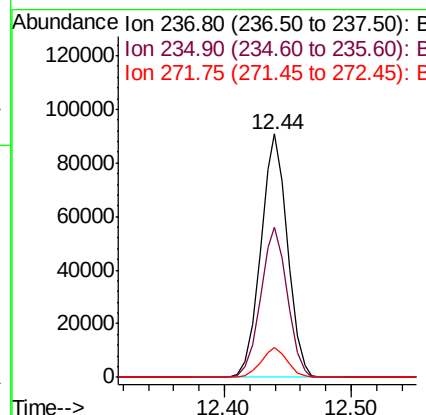
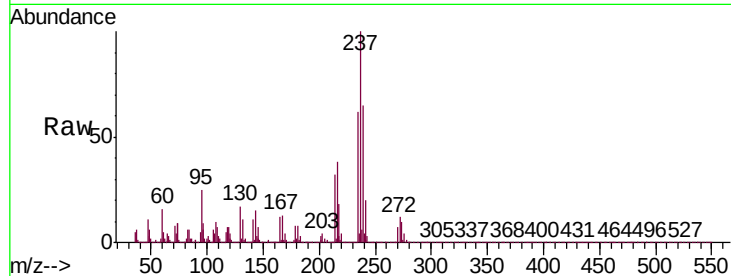




#41
Hexachlorocyclopentadiene
Concen: 96.613 ng
RT: 12.44 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

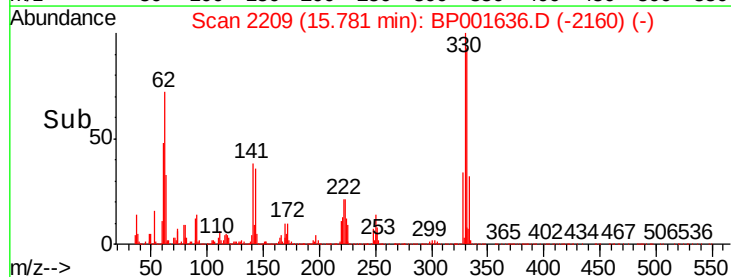
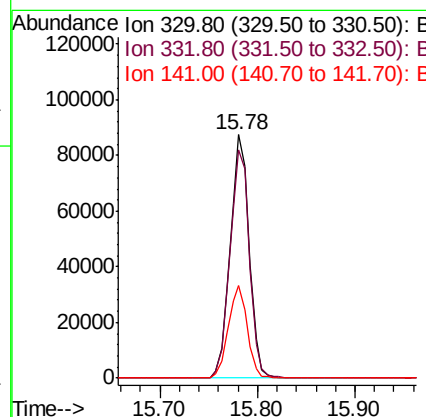
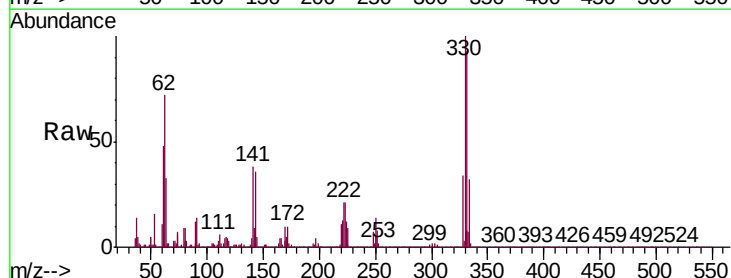
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

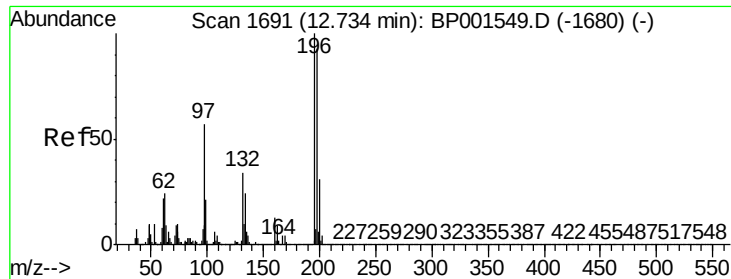
Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.6	81.6
272	12.2	0.0	31.2



#42
2,4,6-Tribromophenol
Concen: 97.969 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.8	116.6
141	37.8	28.7	43.1

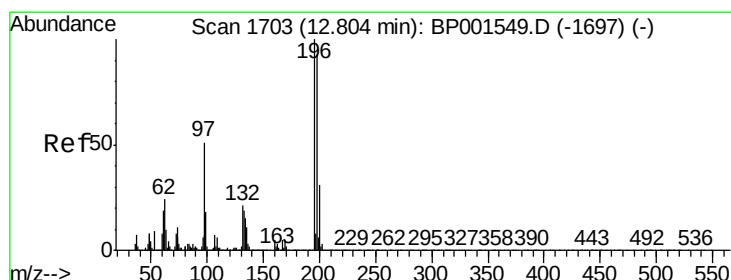
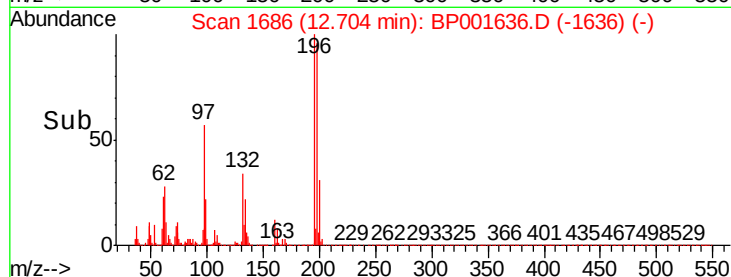
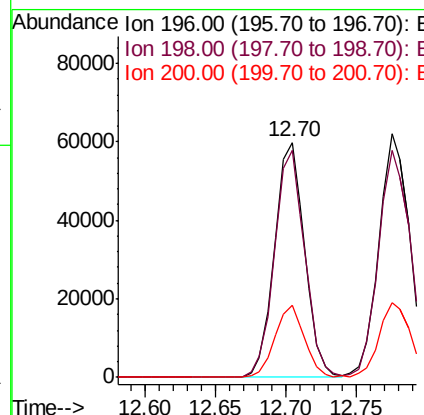
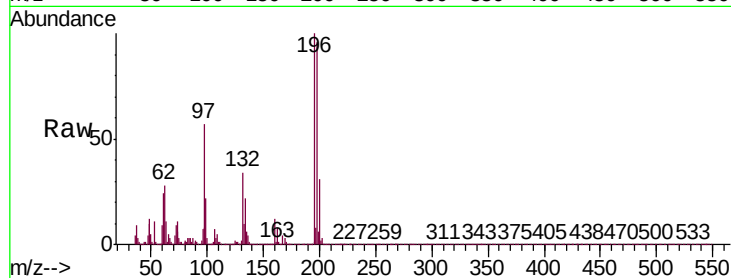




#43
 2,4,6-Trichlorophenol
 Concen: 51.151 ng
 RT: 12.70 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

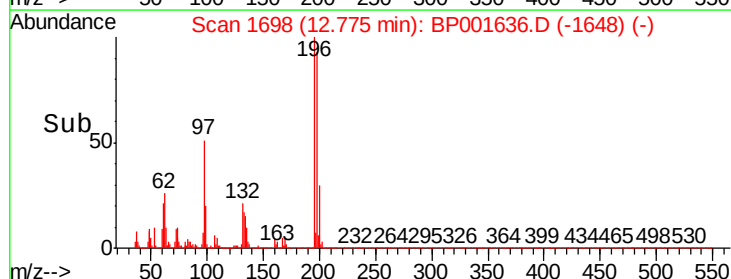
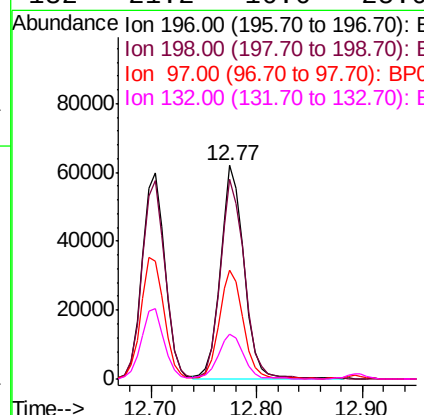
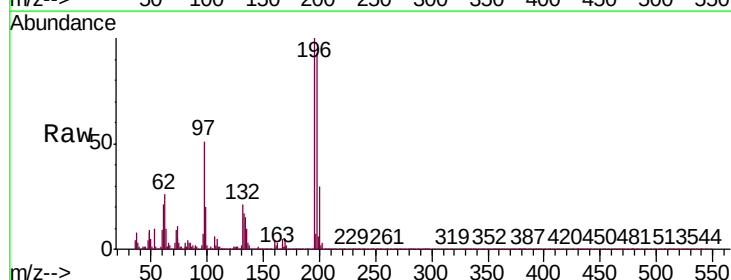
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

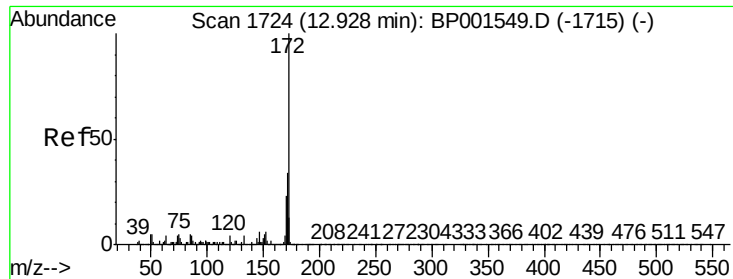
Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.2	111.4
200	30.6	24.6	37.0



#44
 2,4,5-Trichlorophenol
 Concen: 52.061 ng
 RT: 12.77 min Scan# 1698
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	111.8
97	51.0	41.0	61.6
132	21.2	16.6	25.0

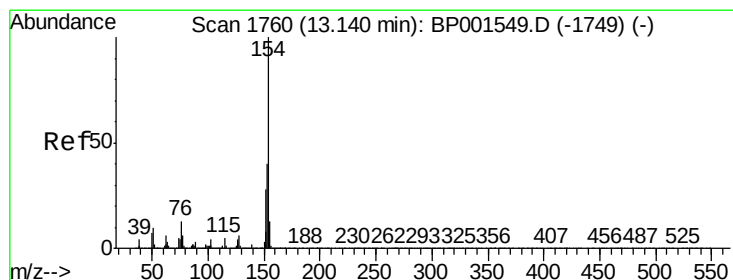
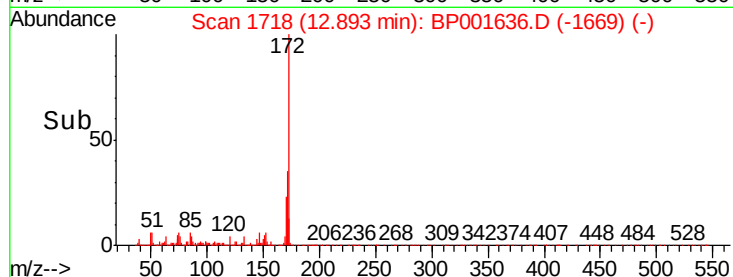
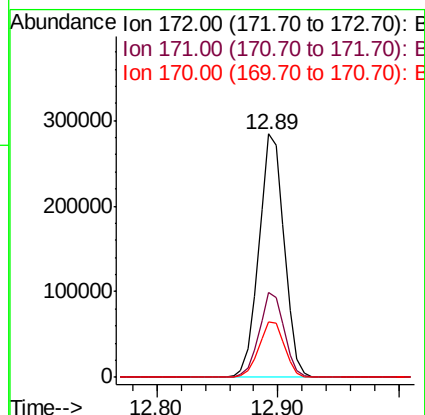
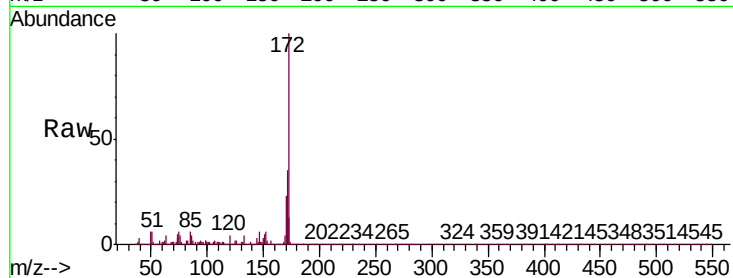




#45
2-Fluorobiphenyl
Concen: 77.051 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

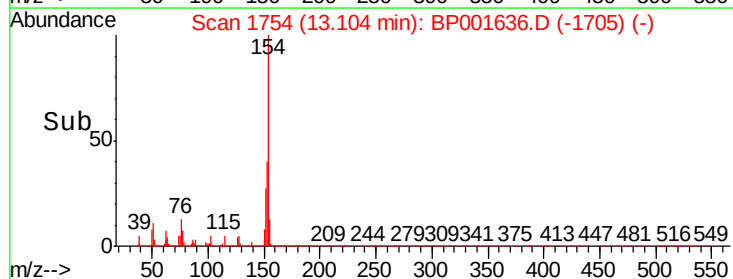
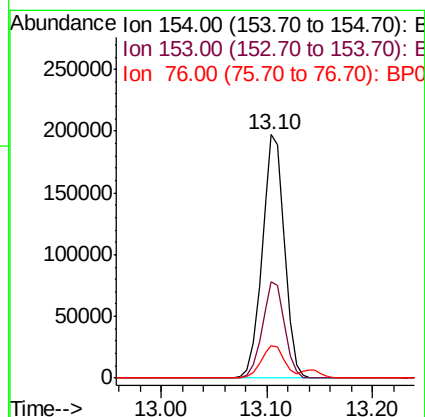
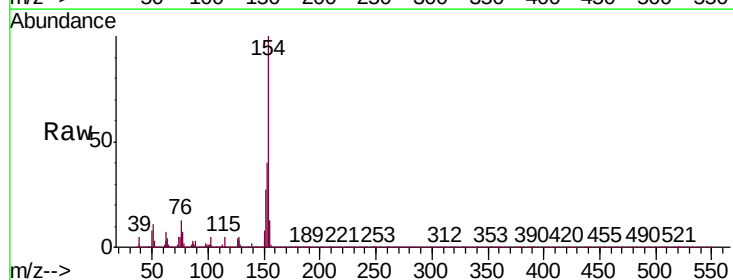
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

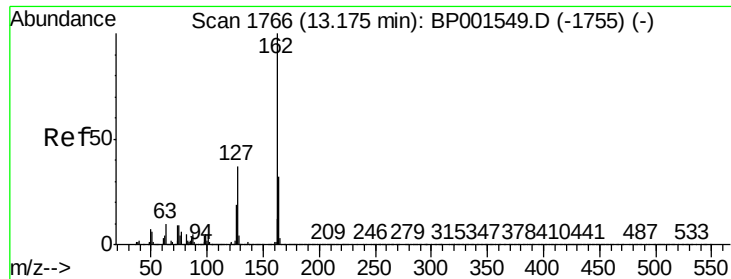
Tgt Ion:	172	Resp:	414583
Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	22.6	18.3	27.5



#46
1,1'-Biphenyl
Concen: 50.901 ng
RT: 13.10 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	154	Resp:	288550
Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	13.4	0.0	33.1

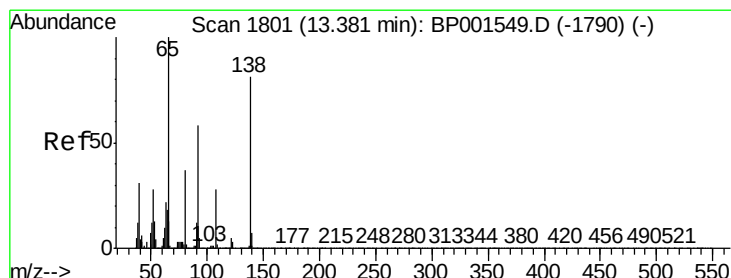
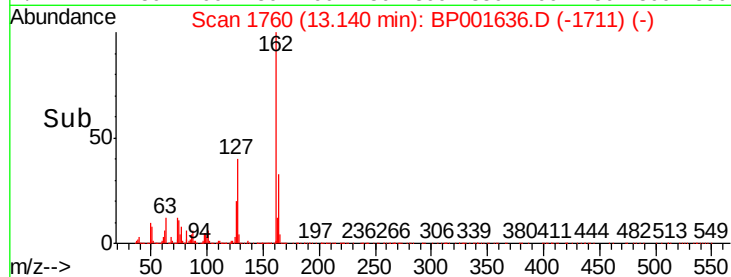
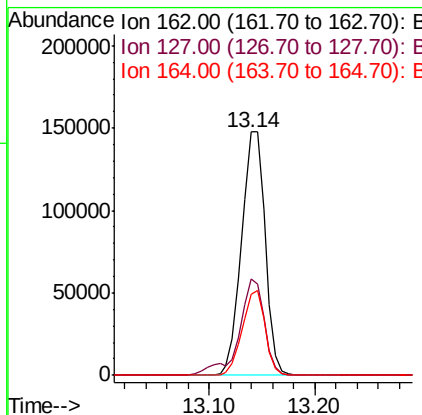
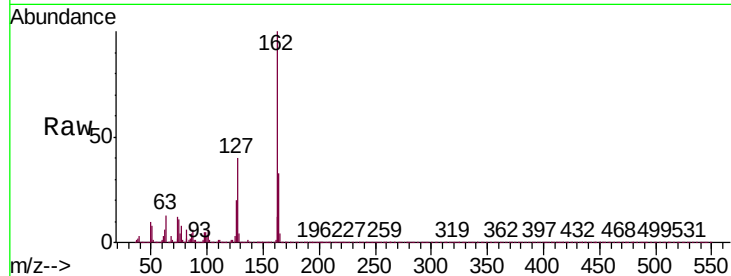




#47
 2-Chloronaphthalene
 Concen: 48.706 ng
 RT: 13.14 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

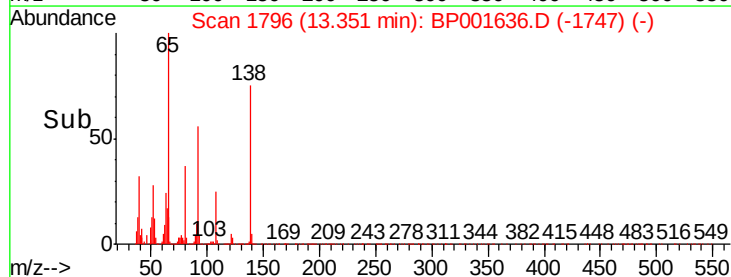
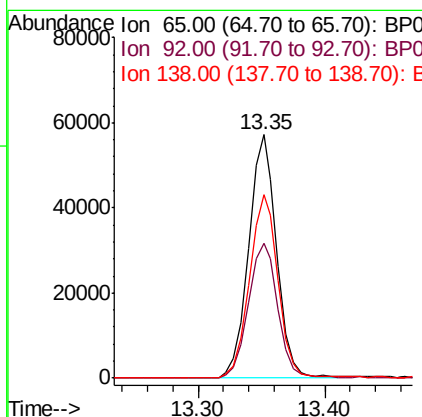
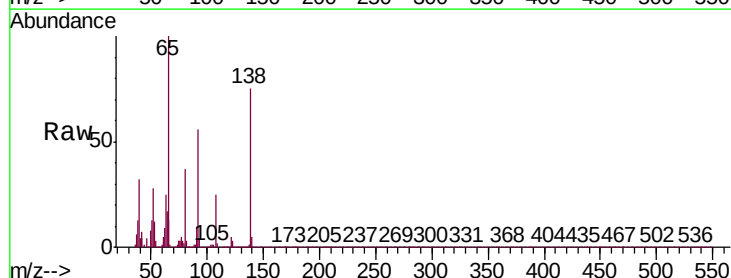
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

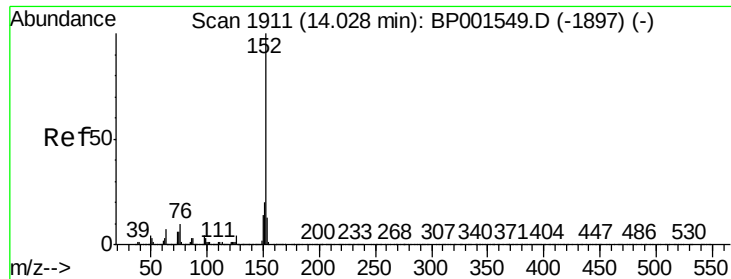
Tgt Ion:	162	Resp:	229479
Ion	Ratio	Lower	Upper
162	100		
127	39.8	29.9	44.9
164	33.4	26.0	39.0



#48
 2-Nitroaniline
 Concen: 47.245 ng
 RT: 13.35 min Scan# 1796
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:	65	Resp:	87453
Ion	Ratio	Lower	Upper
65	100		
92	55.6	46.2	69.2
138	75.5	64.7	97.1





#49

Acenaphthylene

Concen: 50.073 ng

RT: 14.00 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

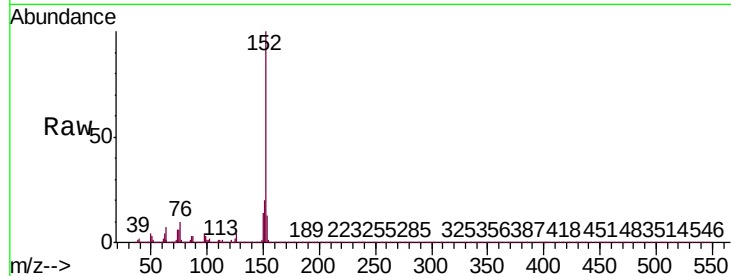
Tgt Ion:152 Resp: 363840

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

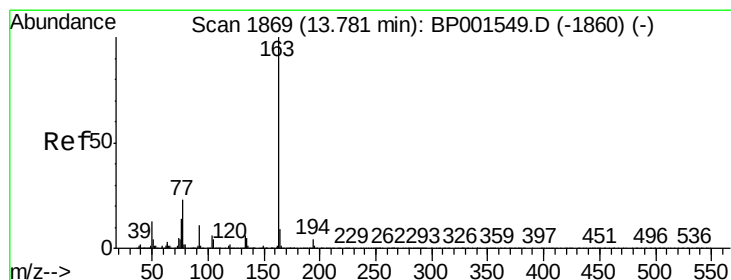
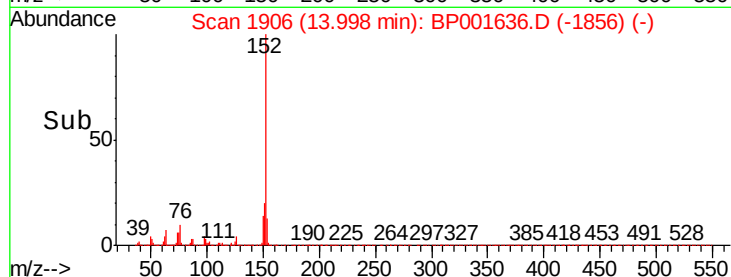
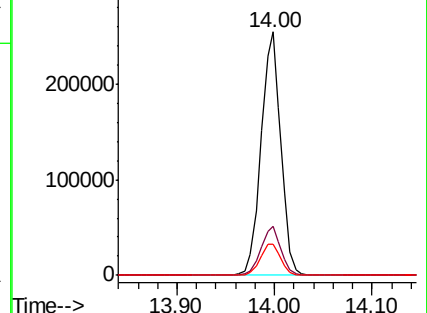
153 12.7 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 50.017 ng

RT: 13.75 min Scan# 1864

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

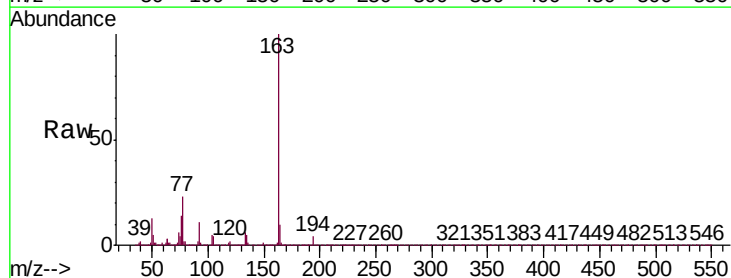
Tgt Ion:163 Resp: 325904

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

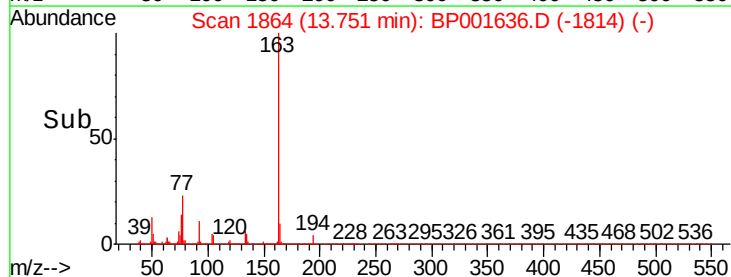
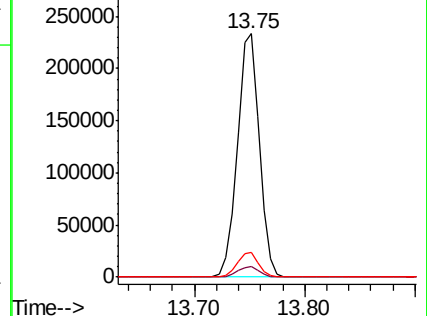
164 10.1 7.5 11.3

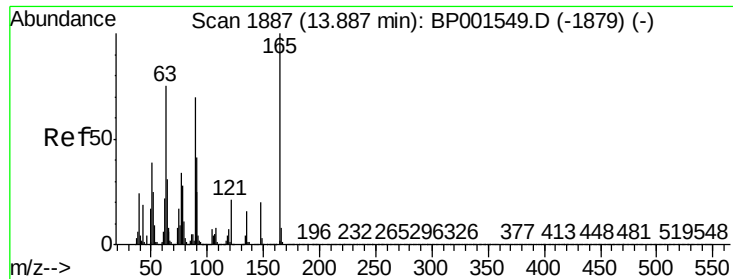


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

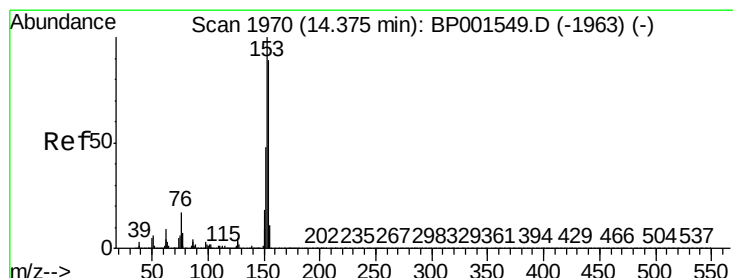
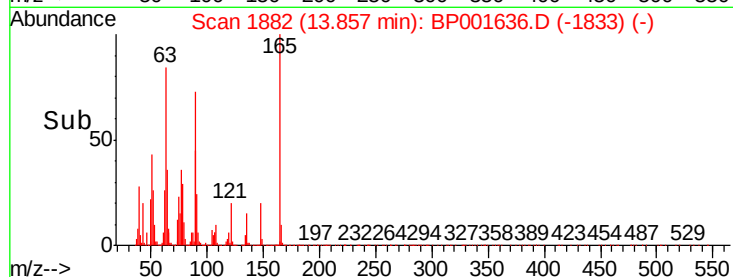
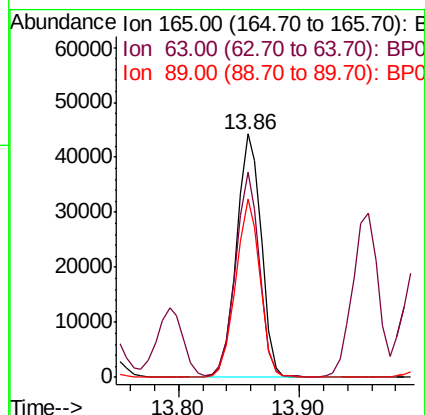
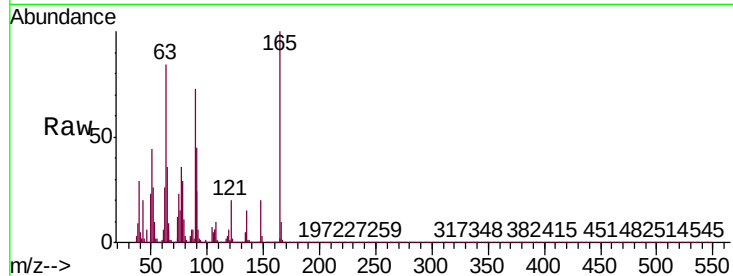




#51
2,6-Dinitrotoluene
Concen: 45.692 ng
RT: 13.86 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

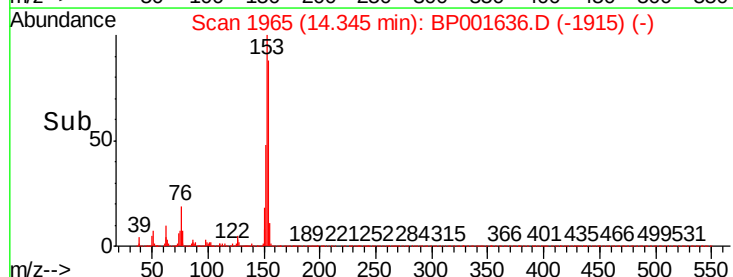
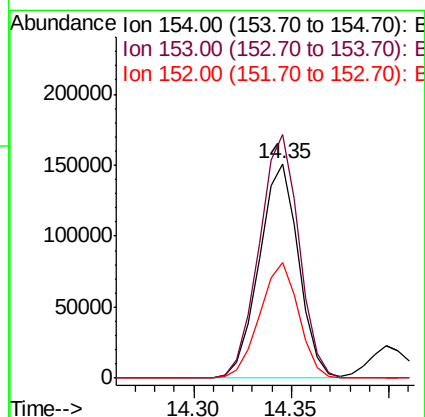
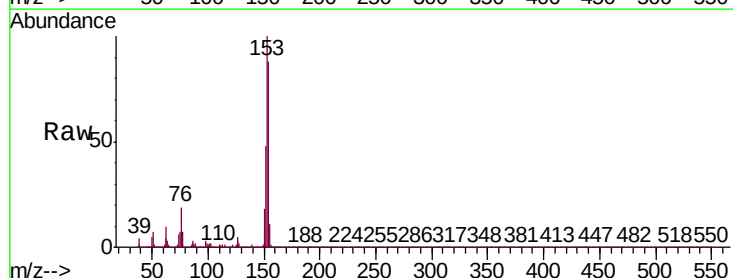
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

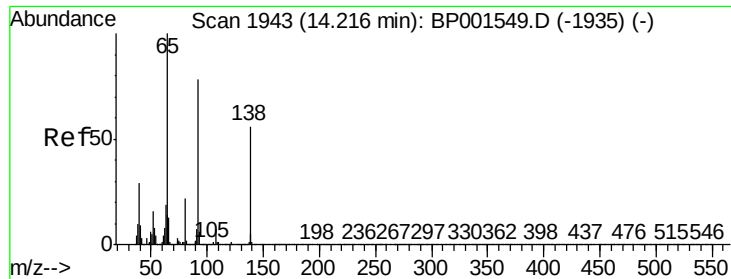
Tgt Ion:	165	Resp:	63135
Ion	Ratio	Lower	Upper
165	100		
63	84.4	60.9	91.3
89	73.4	55.7	83.5



#52
Acenaphthene
Concen: 46.783 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	154	Resp:	210532
Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.4	134.2
152	54.0	42.6	64.0

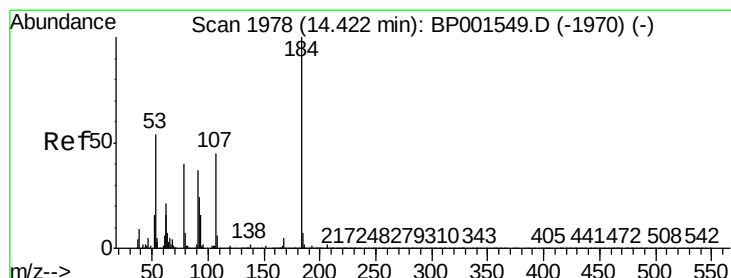
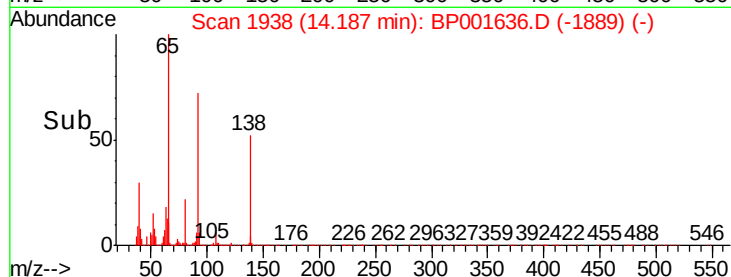
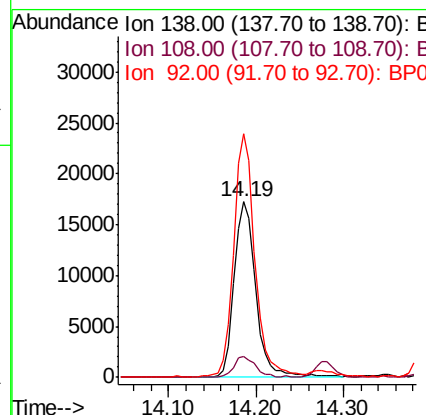
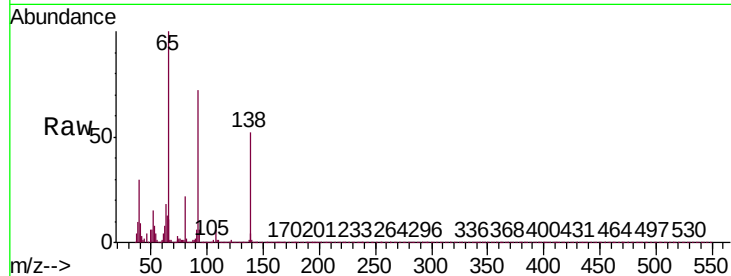




#53
 3-Nitroaniline
 Concen: 20.115 ng
 RT: 14.19 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

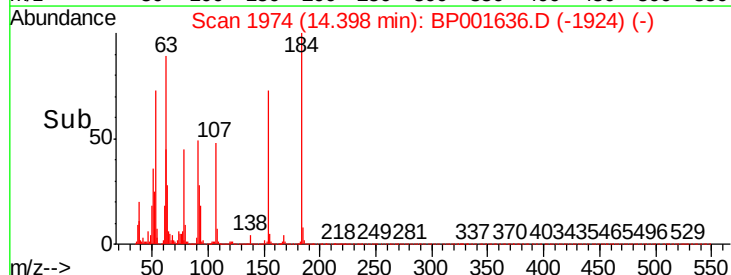
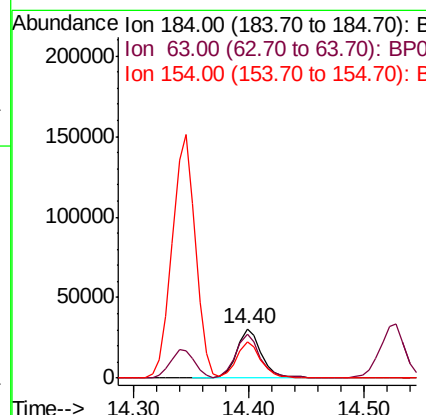
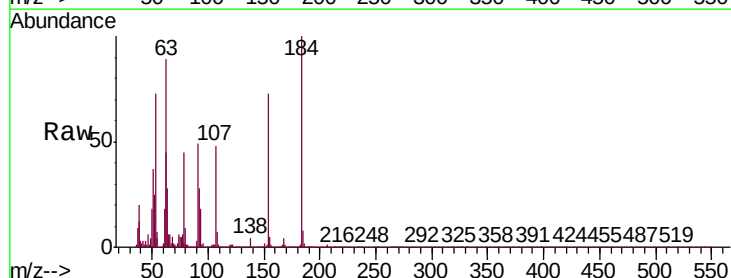
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

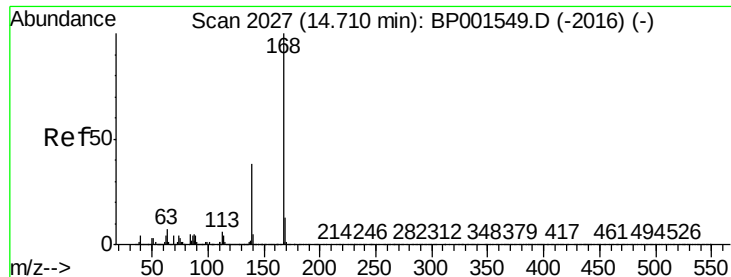
Tgt Ion:138 Resp: 29345
 Ion Ratio Lower Upper
 138 100
 108 11.8 9.9 14.9
 92 138.9 110.6 166.0



#54
 2,4-Dinitrophenol
 Concen: 59.011 ng
 RT: 14.40 min Scan# 1974
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:184 Resp: 45847
 Ion Ratio Lower Upper
 184 100
 63 88.8 59.7 89.5
 154 73.0 53.9 80.9





#55

Dibenzofuran

Concen: 46.821 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

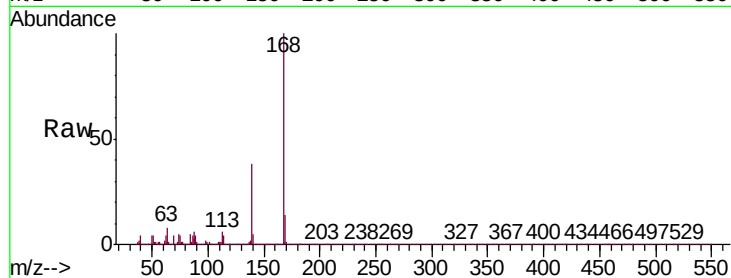
Tgt Ion:168 Resp: 356309

Ion Ratio Lower Upper

168 100

139 38.2 30.2 45.4

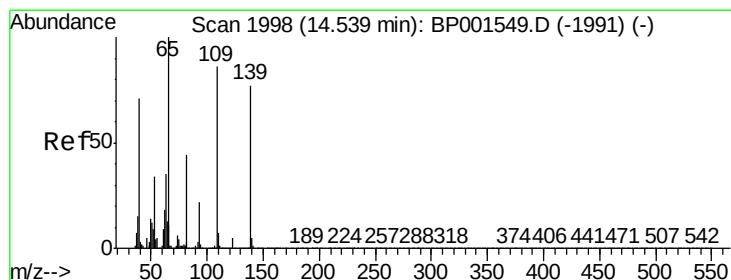
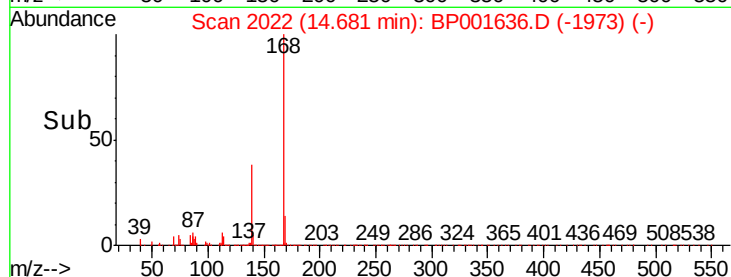
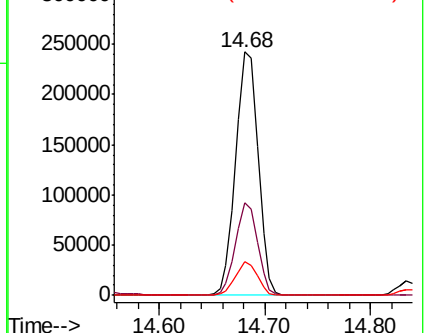
169 13.8 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.876 ng

RT: 14.53 min Scan# 1996

Delta R.T. 0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

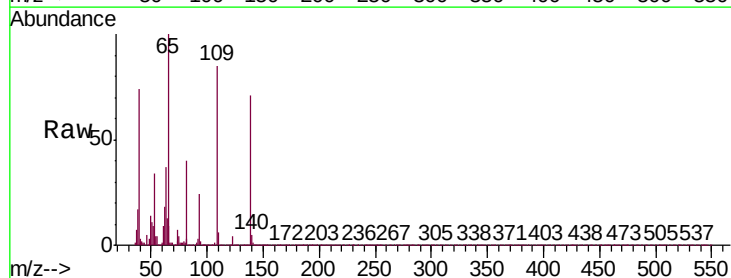
Tgt Ion:139 Resp: 103538

Ion Ratio Lower Upper

139 100

109 118.6 92.7 132.7

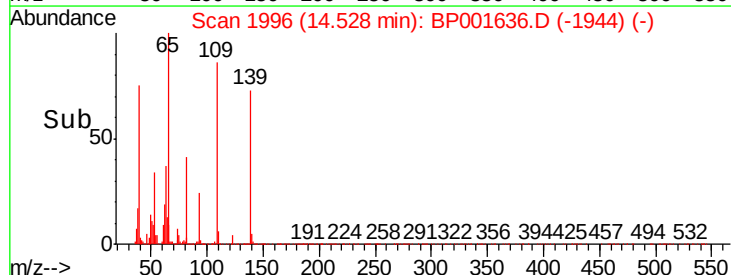
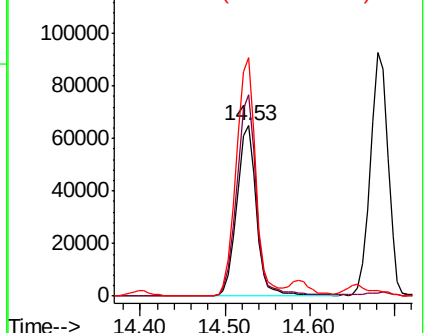
65 139.9 111.1 151.1

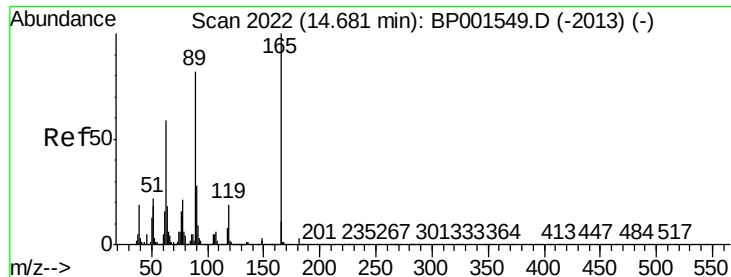


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

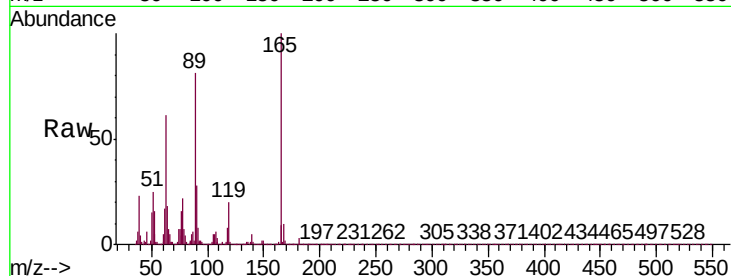




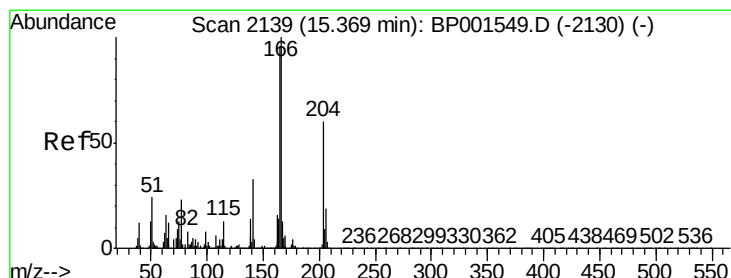
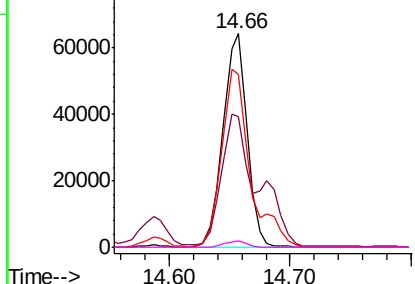
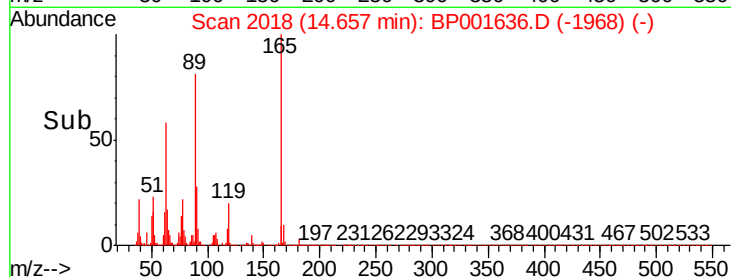
#57
2,4-Dinitrotoluene
Concen: 43.984 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tgt Ion:	165	Resp:	88926
Ion	Ratio	Lower	Upper
165	100		
63	61.2	47.3	70.9
89	81.0	65.4	98.0
182	2.8	2.5	3.7

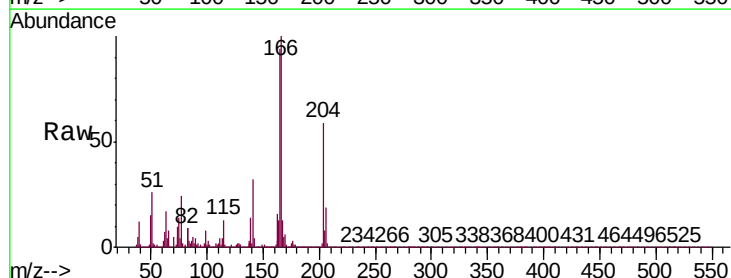


Abundance Ion 165.00 (164.70 to 165.70): E
100000
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

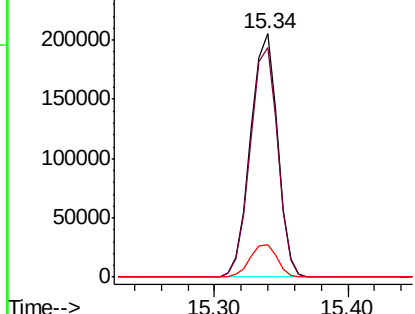
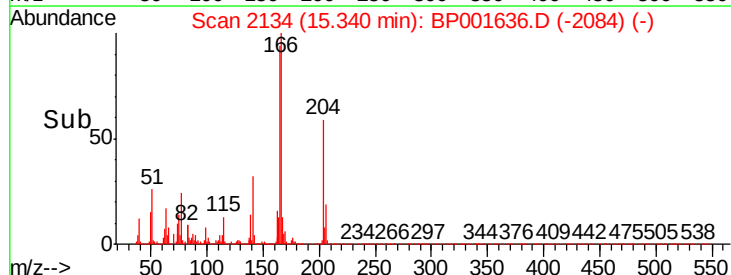


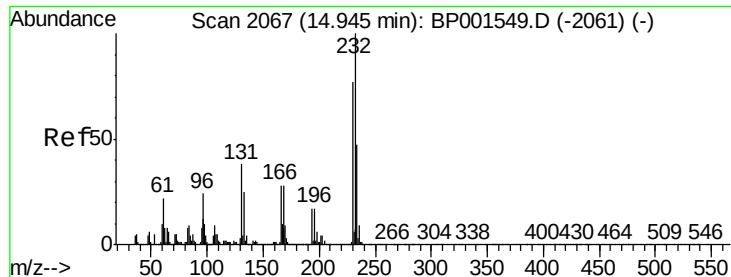
#58
Fluorene
Concen: 46.522 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	166	Resp:	286482
Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.9	115.3
167	13.4	10.3	15.5



Abundance Ion 166.00 (165.70 to 166.70): E
250000
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

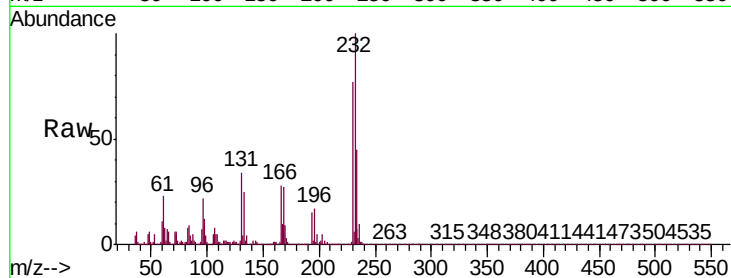




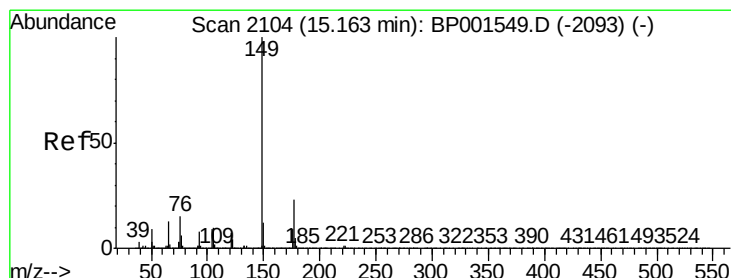
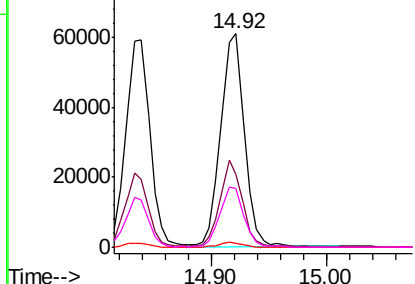
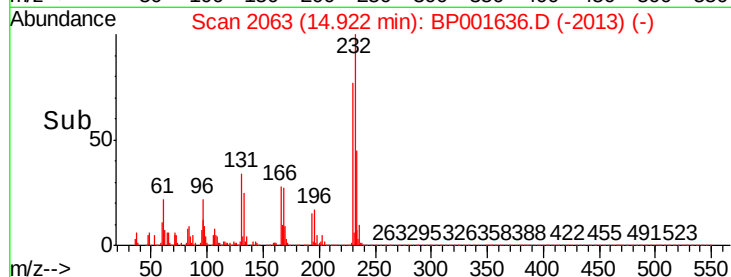
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.607 ng
 RT: 14.92 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tgt Ion:	232	Resp:	87465
Ion	Ratio	Lower	Upper
232	100		
131	38.2	31.3	46.9
130	2.5	2.0	3.0
166	28.6	22.6	33.8

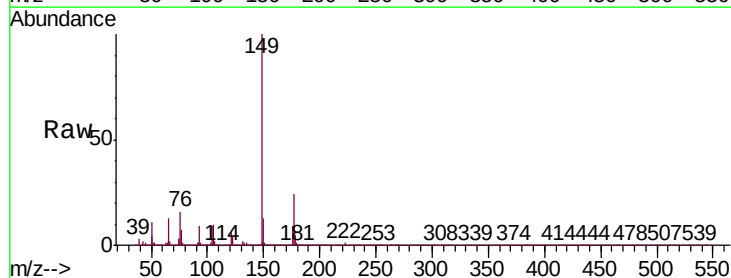


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

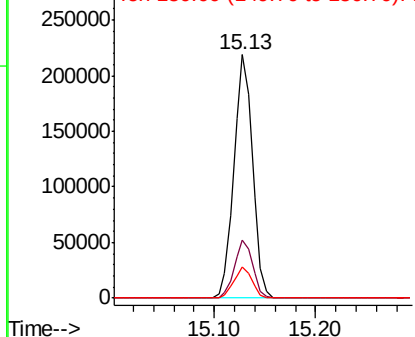
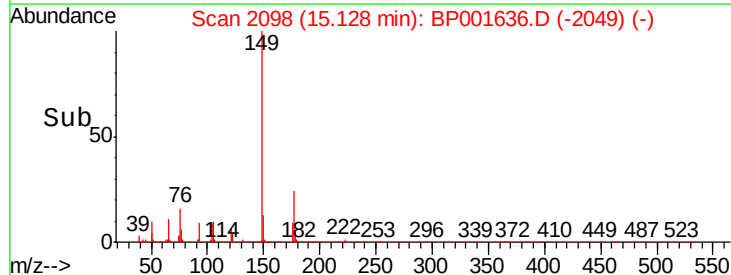


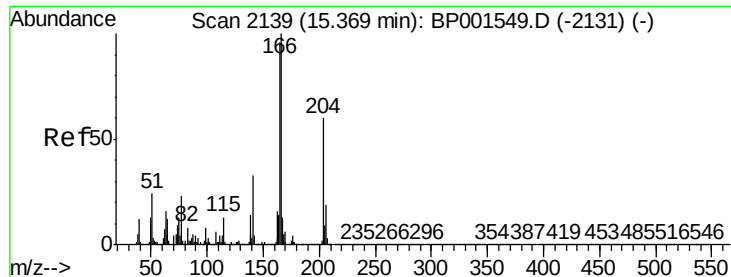
#60
 Diethylphthalate
 Concen: 41.701 ng
 RT: 15.13 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:	149	Resp:	279470
Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.4	27.6
150	12.9	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

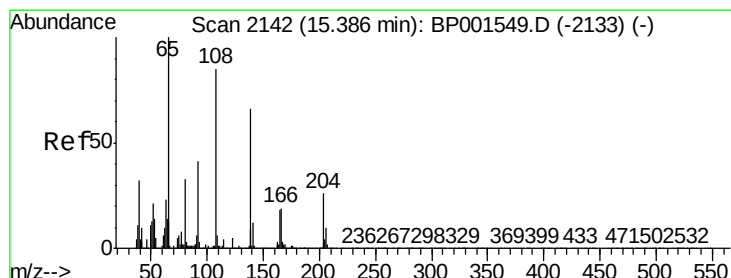
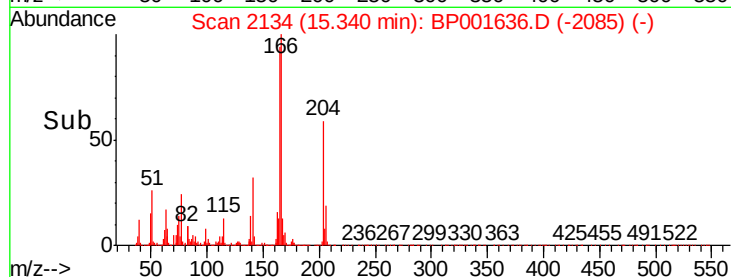
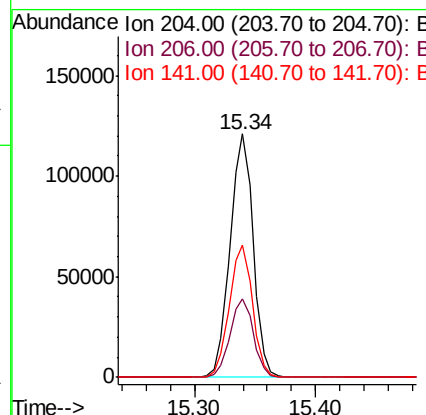
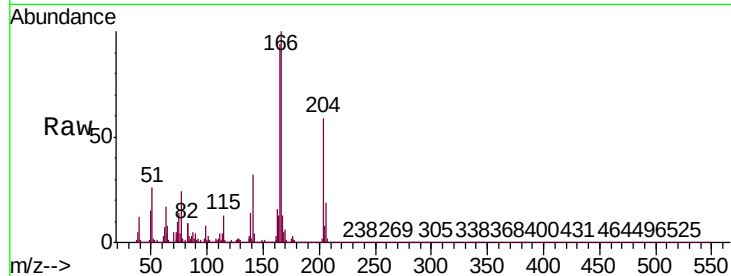




#61
4-Chlorophenyl-phenylether
Concen: 45.468 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

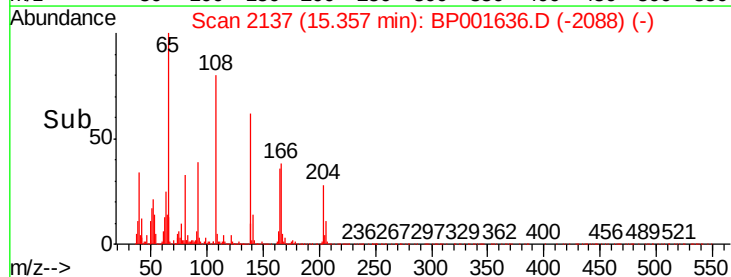
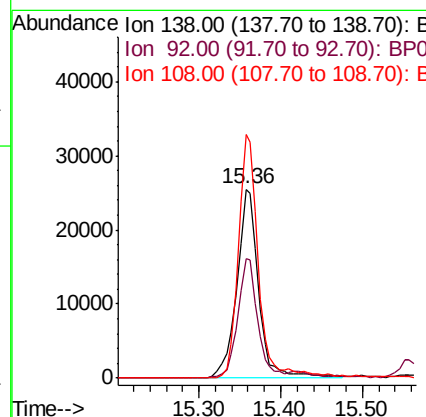
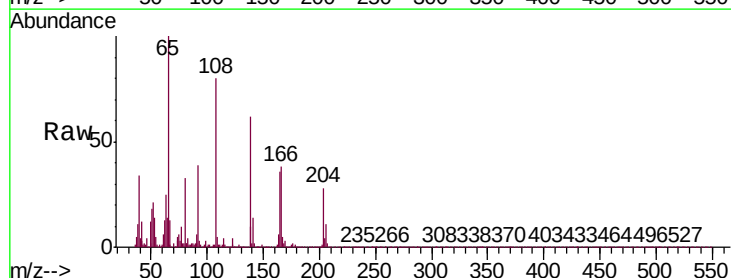
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

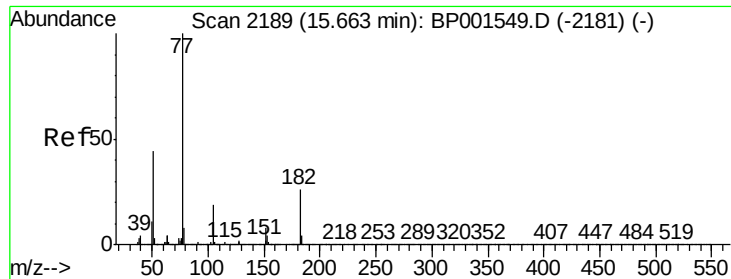
Tgt Ion:204 Resp: 160241
Ion Ratio Lower Upper
204 100
206 32.5 25.4 38.0
141 54.4 43.8 65.6



#62
4-Nitroaniline
Concen: 28.472 ng
RT: 15.36 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:138 Resp: 47358
Ion Ratio Lower Upper
138 100
92 63.3 42.7 82.7
108 128.8 108.6 148.6

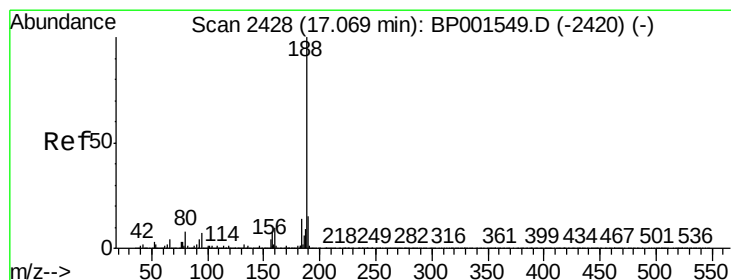
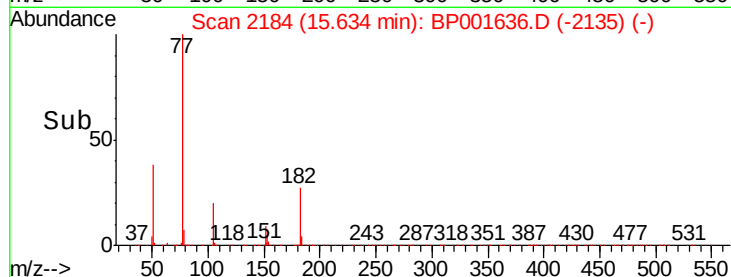
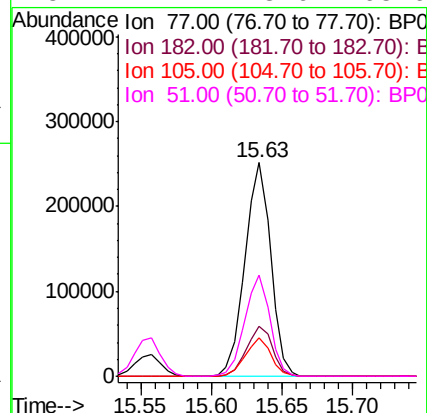
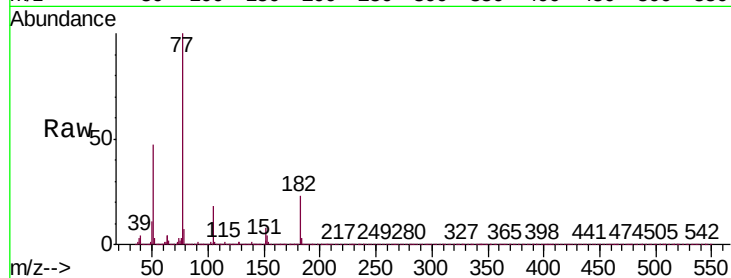




#63
Azobenzene
Concen: 48.039 ng
RT: 15.63 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

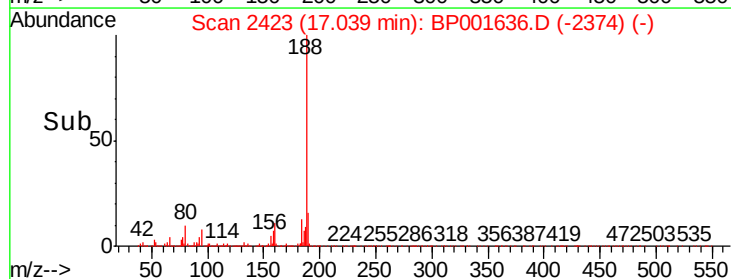
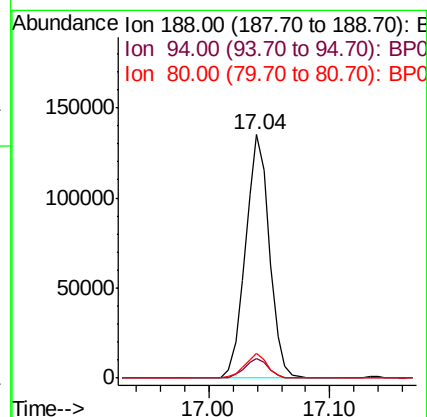
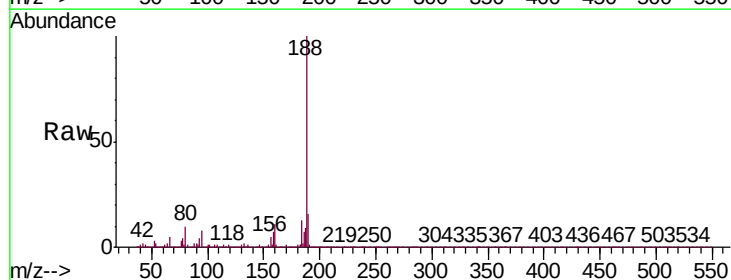
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

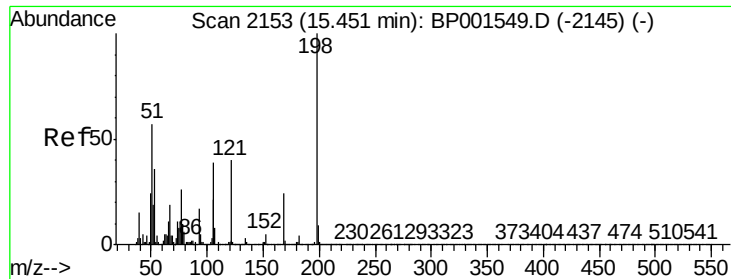
Tgt Ion:	77	Resp:	321686
Ion	Ratio	Lower	Upper
77	100		
182	23.2	5.8	45.8
105	17.8	0.0	39.3
51	47.1	23.6	63.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	188	Resp:	186747
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.9	8.9
80	9.9	6.8	10.2

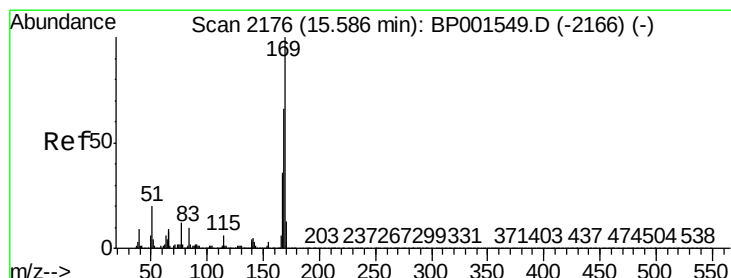
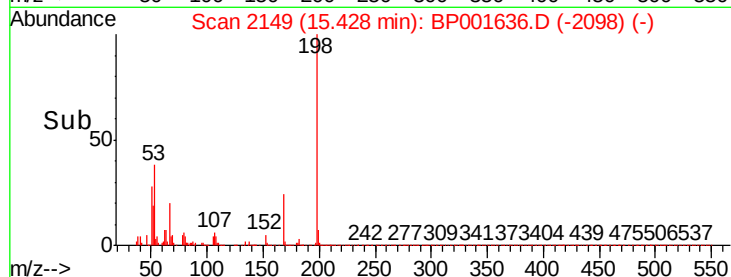
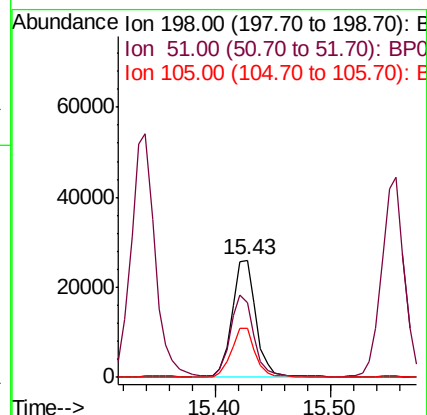
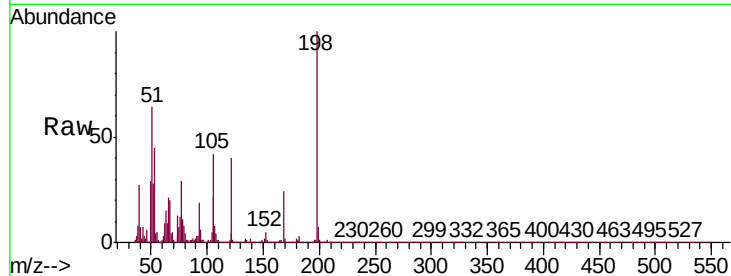




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.841 ng
 RT: 15.43 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

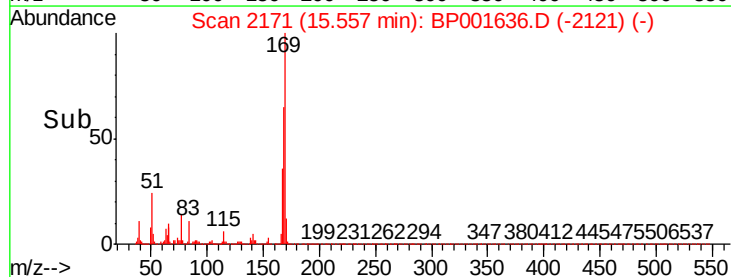
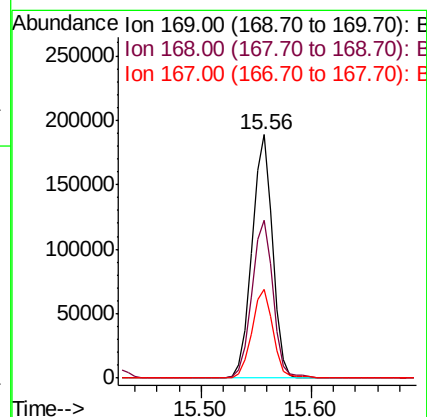
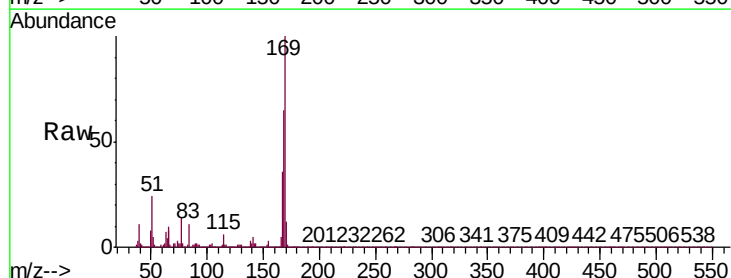
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

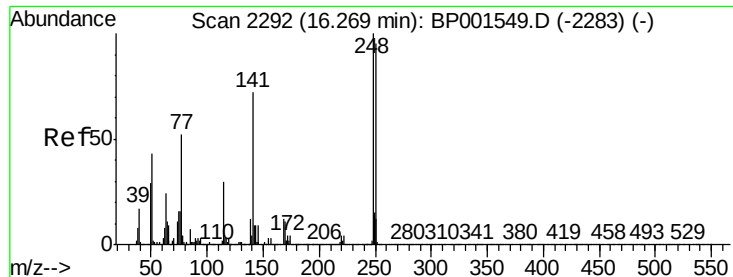
Tgt Ion:198 Resp: 37196
 Ion Ratio Lower Upper
 198 100
 51 64.2 39.4 79.4
 105 42.0 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 49.820 ng
 RT: 15.56 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:169 Resp: 246477
 Ion Ratio Lower Upper
 169 100
 168 64.9 53.1 79.7
 167 36.3 28.9 43.3

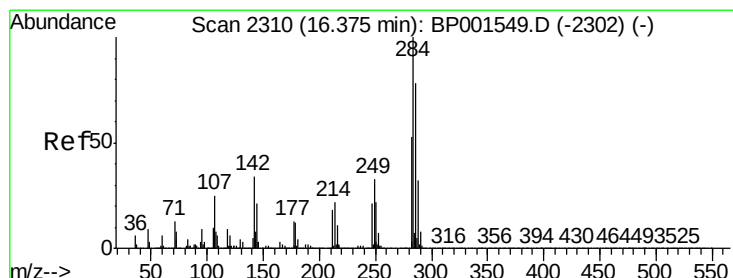
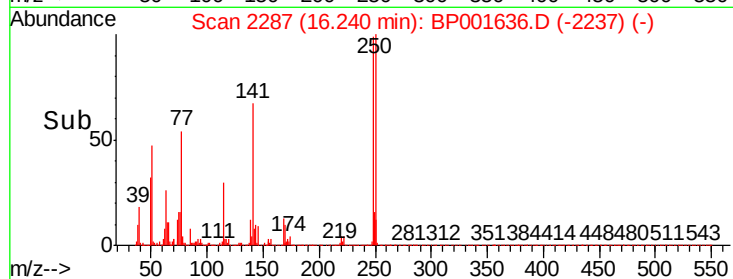
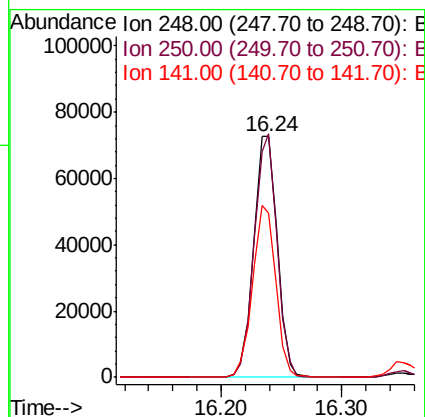
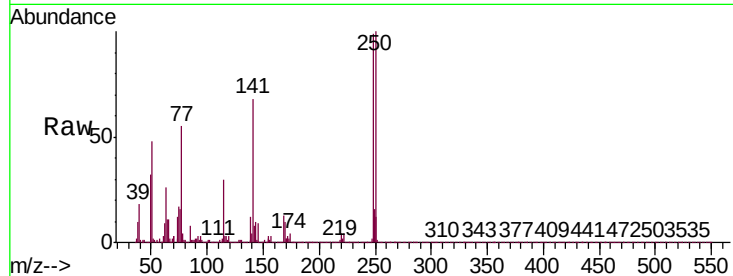




#67
 4-Bromophenyl-phenylether
 Concen: 47.250 ng
 RT: 16.24 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

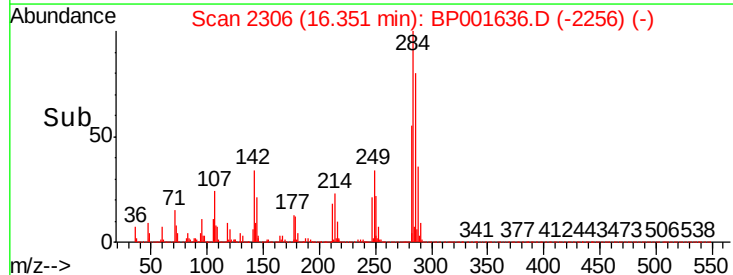
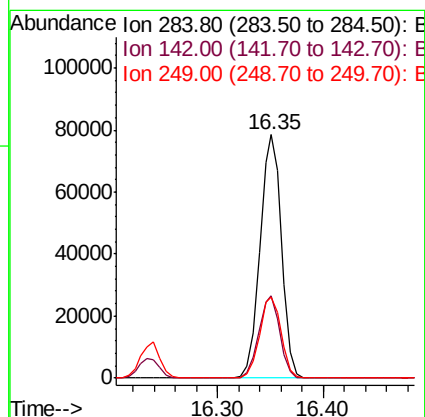
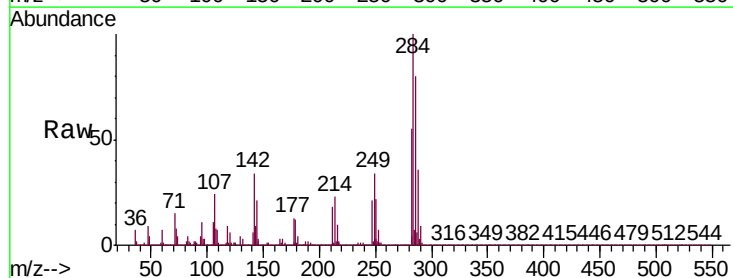
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

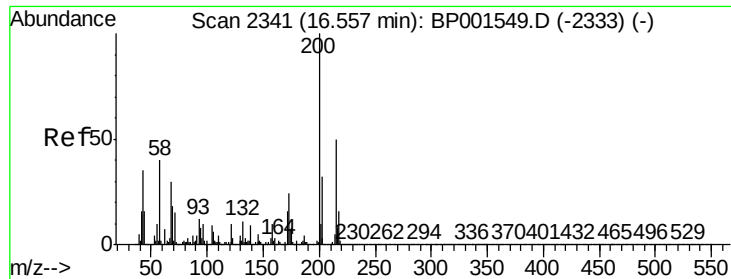
Tgt Ion:248 Resp: 99543
 Ion Ratio Lower Upper
 248 100
 250 101.0 76.0 114.0
 141 68.2 57.8 86.8



#68
 Hexachlorobenzene
 Concen: 45.511 ng
 RT: 16.35 min Scan# 2306
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:284 Resp: 111397
 Ion Ratio Lower Upper
 284 100
 142 33.7 27.4 41.2
 249 33.5 26.8 40.2





#69

Atrazine

Concen: 54.566 ng

RT: 16.52 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

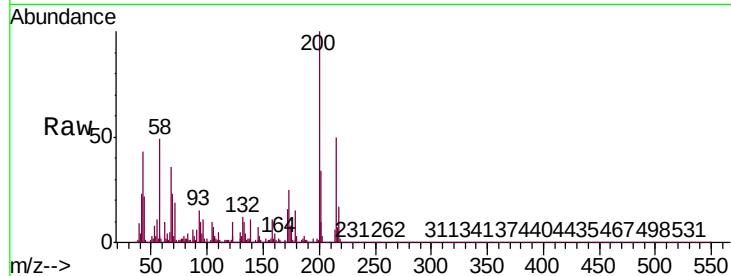
Tgt Ion:200 Resp: 99146

Ion Ratio Lower Upper

200 100

173 25.0 3.5 43.5

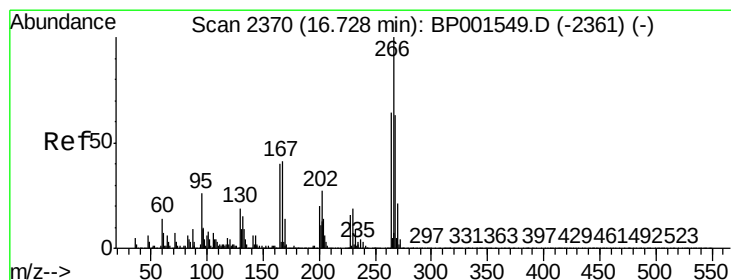
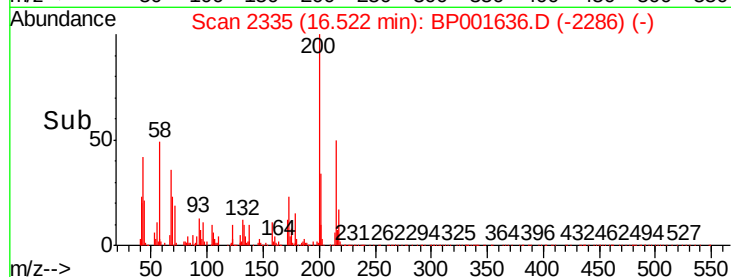
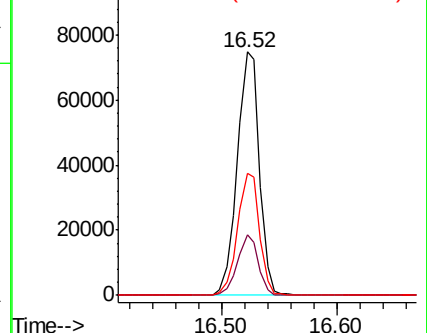
215 50.1 30.4 70.4



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: 99.168 ng

RT: 16.70 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

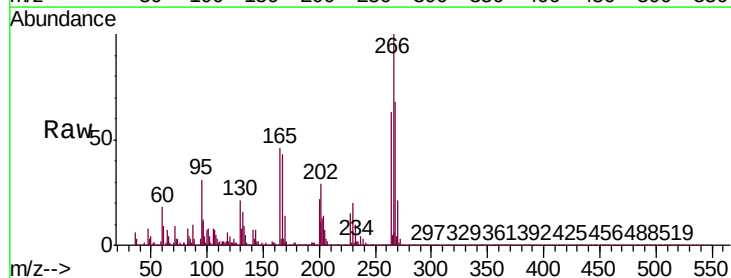
Tgt Ion:266 Resp: 134051

Ion Ratio Lower Upper

266 100

268 67.6 50.5 75.7

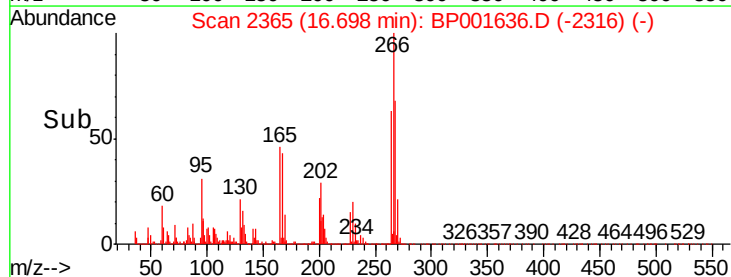
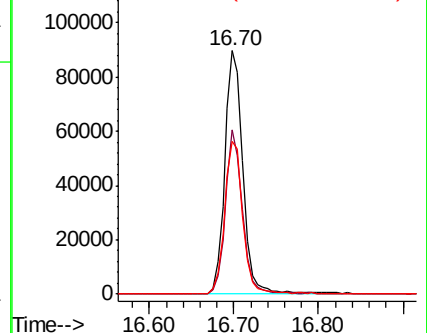
264 62.7 50.9 76.3

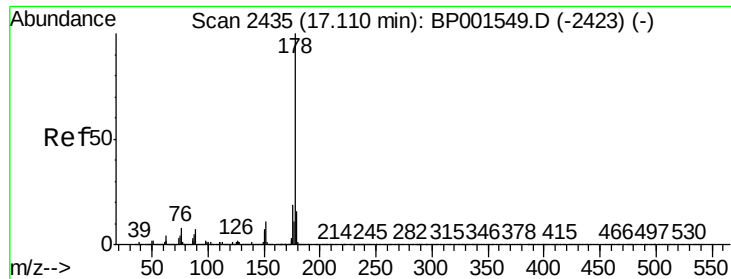


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

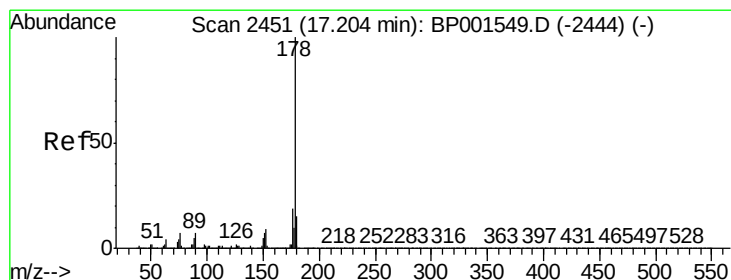
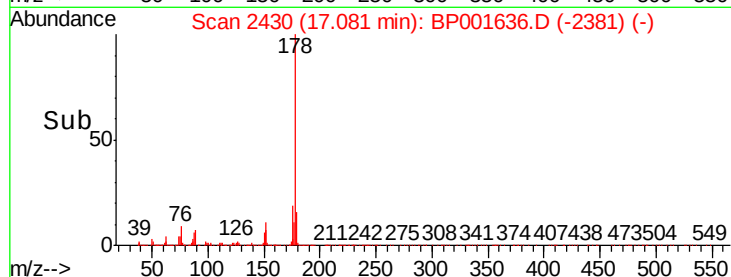
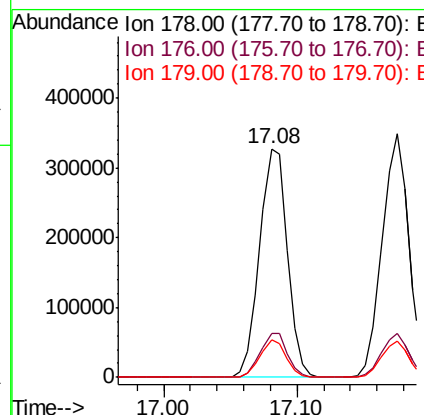
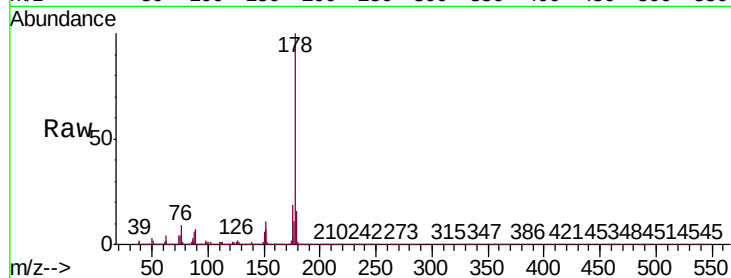




#71
Phenanthrene
Concen: 46.188 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

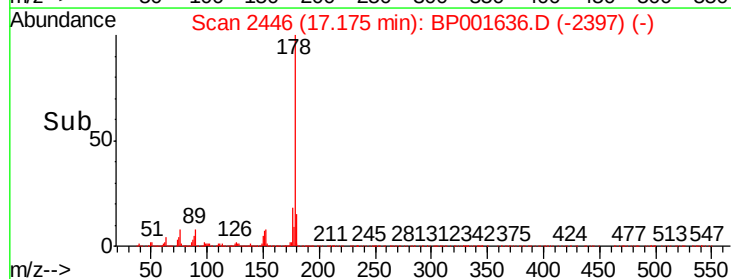
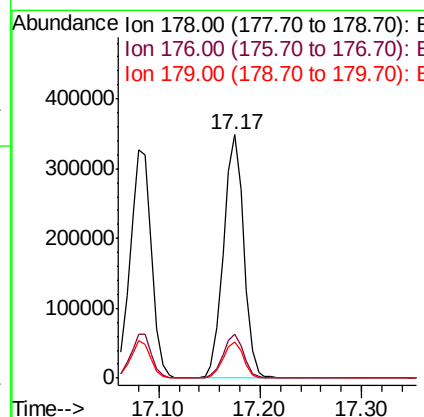
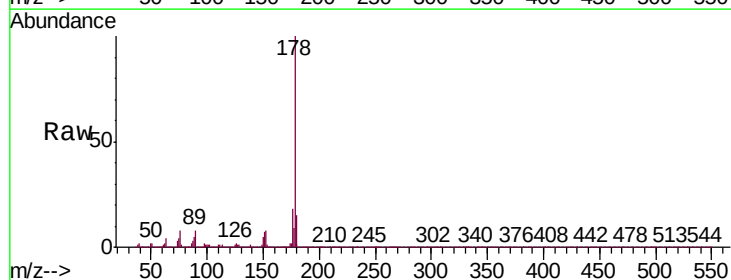
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

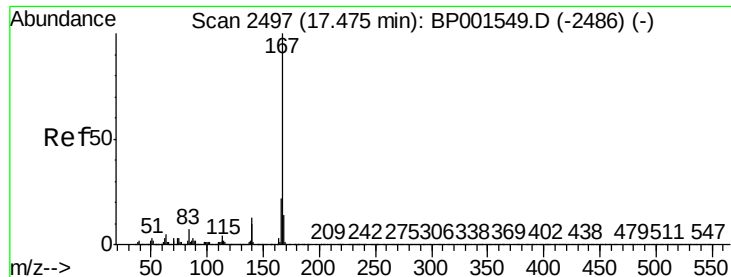
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	16.5	12.5	18.7



#72
Anthracene
Concen: 48.725 ng
RT: 17.17 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	14.8	11.8	17.8

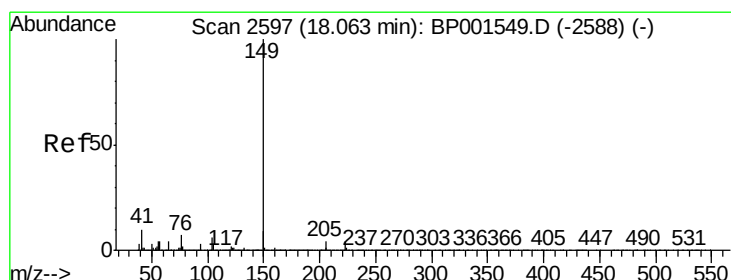
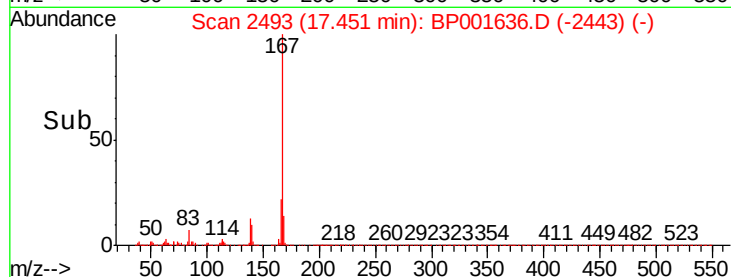
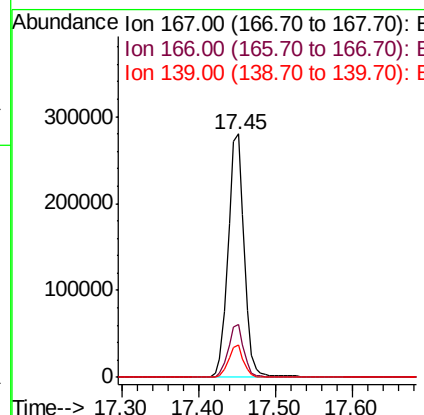
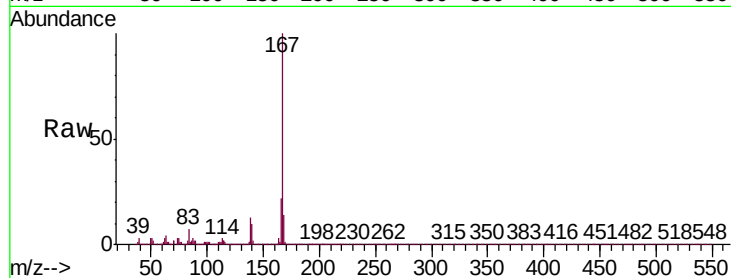




#73
 Carbazole
 Concen: 44.096 ng
 RT: 17.45 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

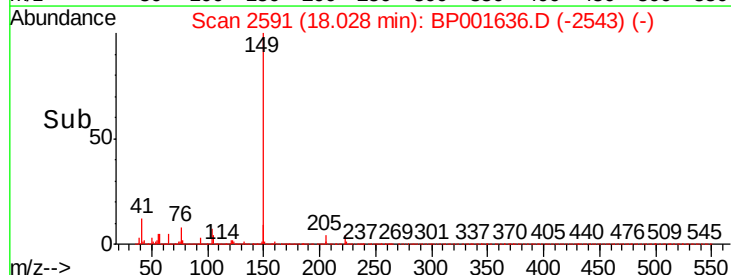
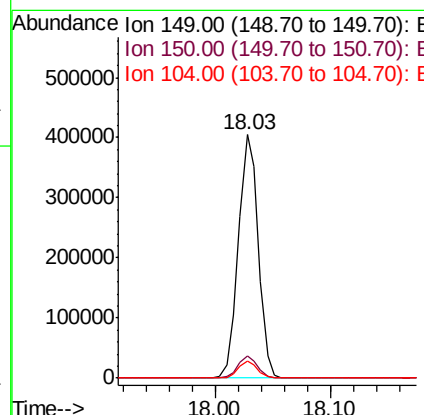
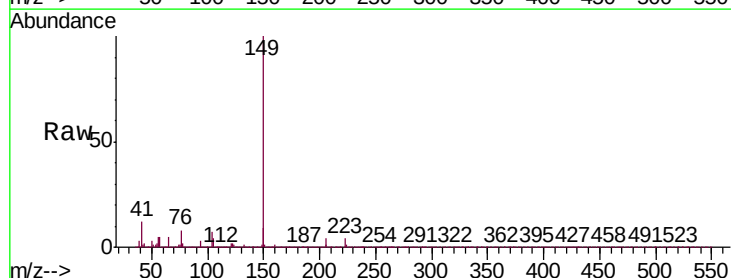
Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

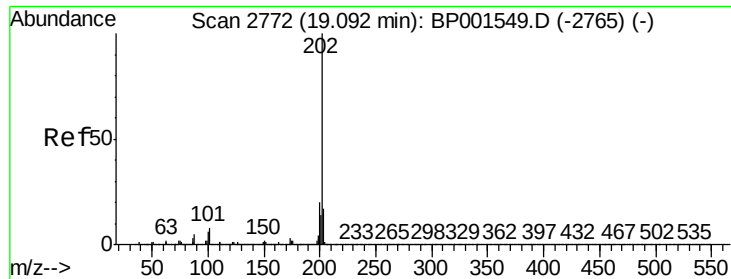
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	13.1	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 43.788 ng
 RT: 18.03 min Scan# 2591
 Delta R.T. -0.02 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.0	10.6
104	6.8	5.0	7.4





#75

Fluoranthene

Concen: 44.468 ng

RT: 19.06 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

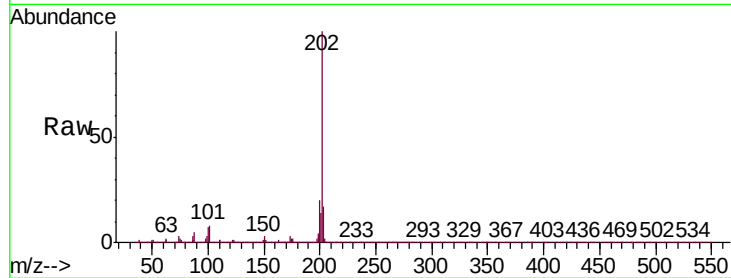
Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

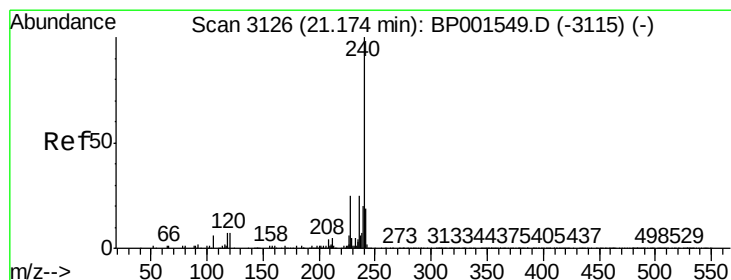
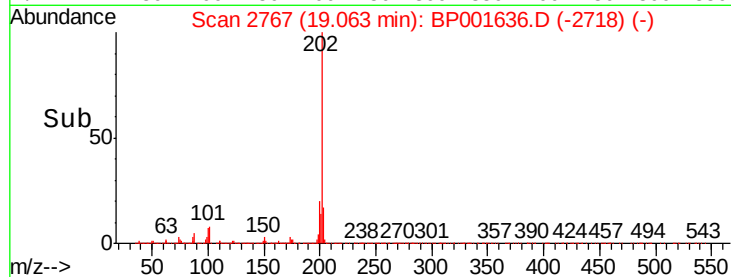
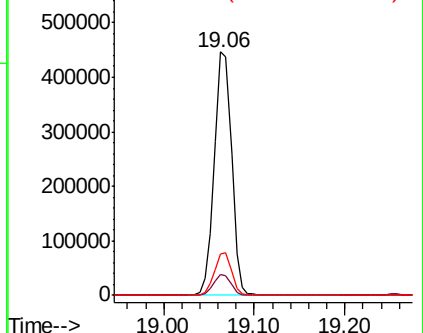
Tgt Ion:	202	Resp:	594239
Ion Ratio	Lower	Upper	
202	100		
101	8.3	0.0	28.4
203	17.2	0.0	37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

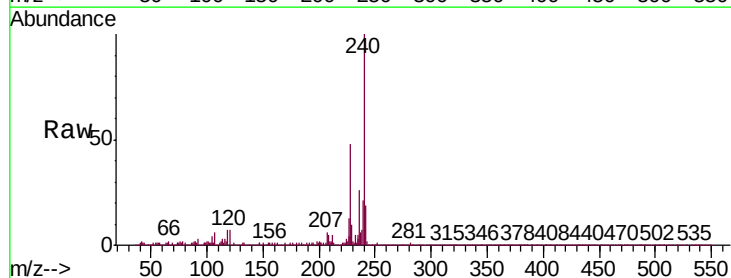
RT: 21.15 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

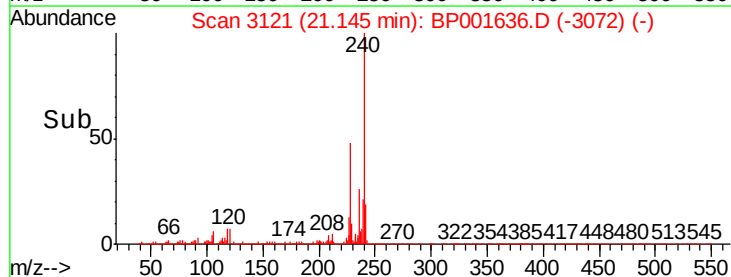
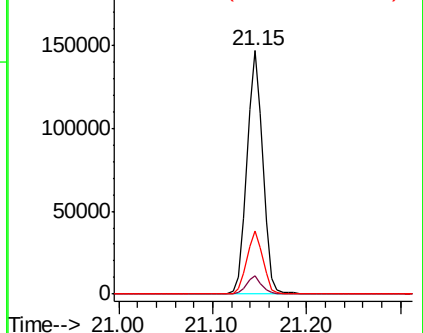
Tgt Ion:	240	Resp:	171407
Ion Ratio	Lower	Upper	
240	100		
120	7.4	5.7	8.5
236	25.8	20.4	30.6

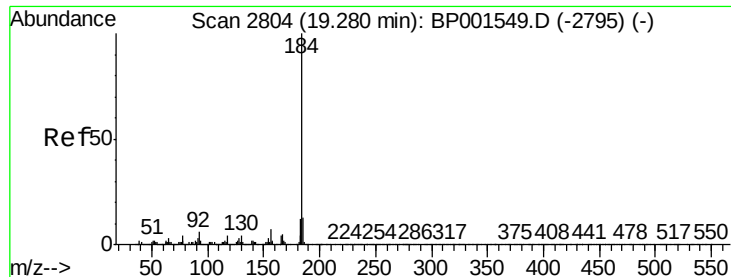


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 100.391 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

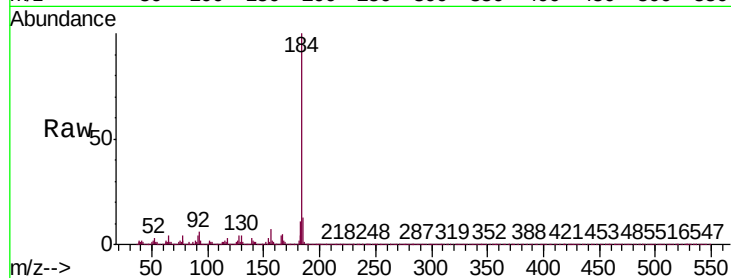
Tgt Ion:184 Resp: 392915

Ion Ratio Lower Upper

184 100

185 13.4 10.6 16.0

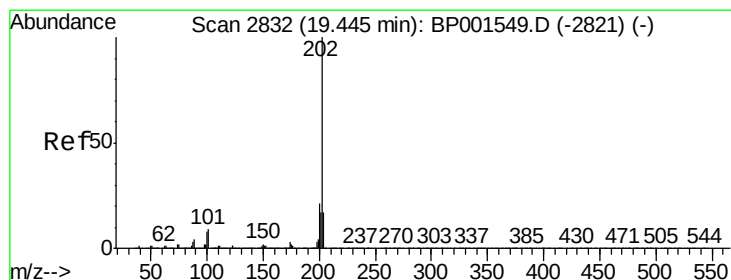
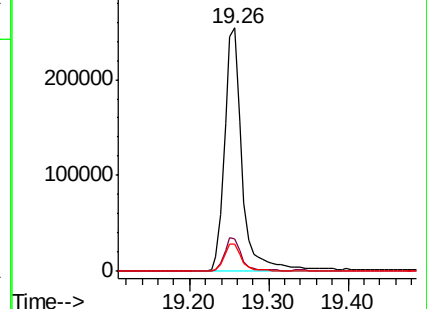
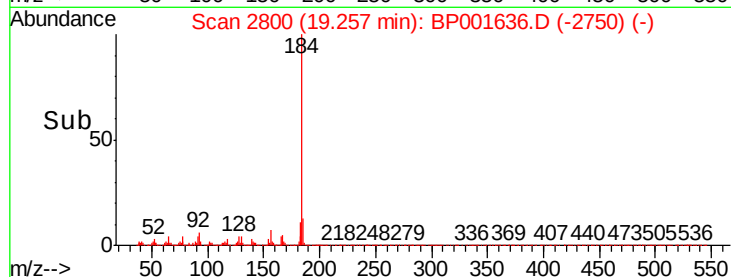
183 11.4 9.4 14.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.000 ng

RT: 19.42 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

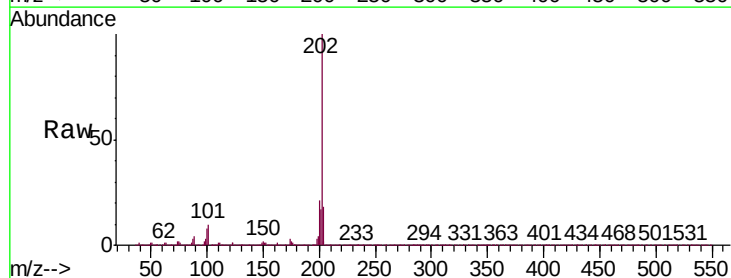
Tgt Ion:202 Resp: 591789

Ion Ratio Lower Upper

202 100

200 20.7 17.0 25.6

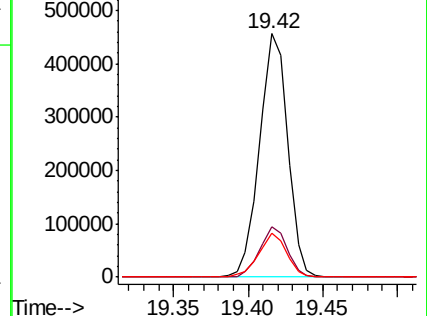
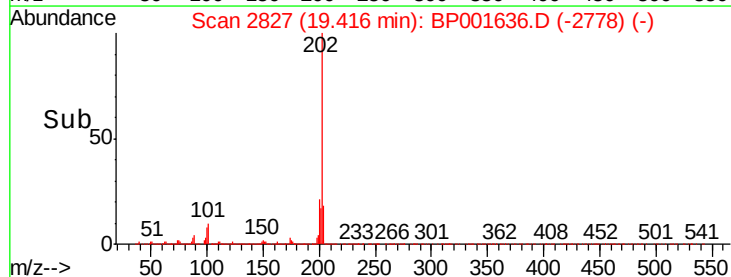
203 17.9 13.7 20.5

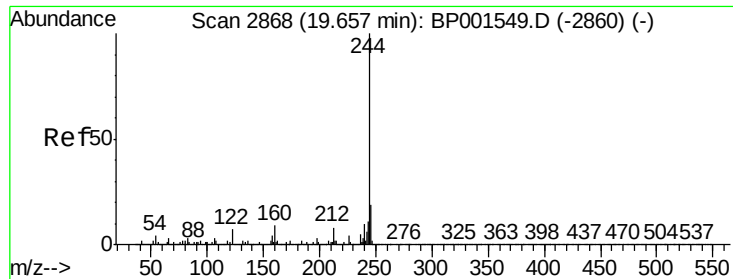


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 70.431 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

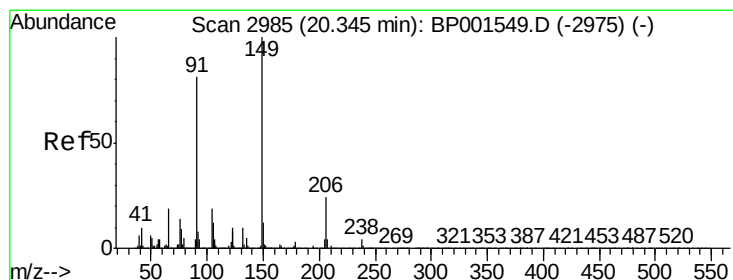
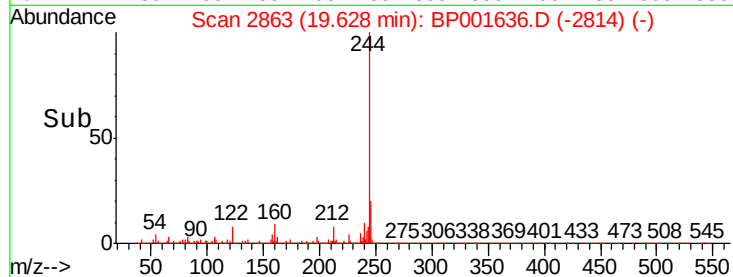
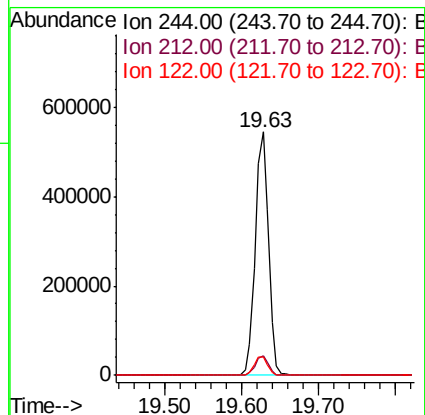
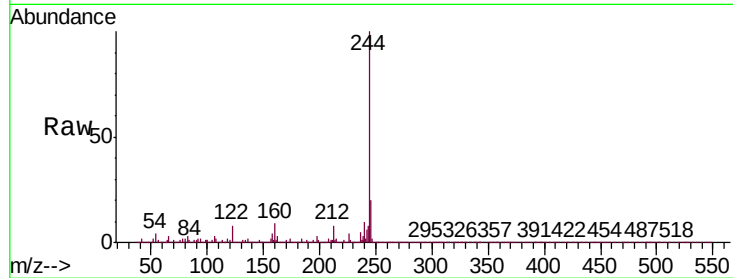
Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

Tgt Ion:	244	Resp:	660038
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.3	9.5
122	7.8	5.8	8.6



#80

Butylbenzylphthalate

Concen: 45.216 ng

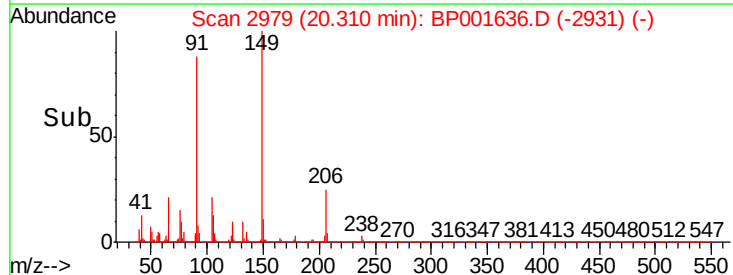
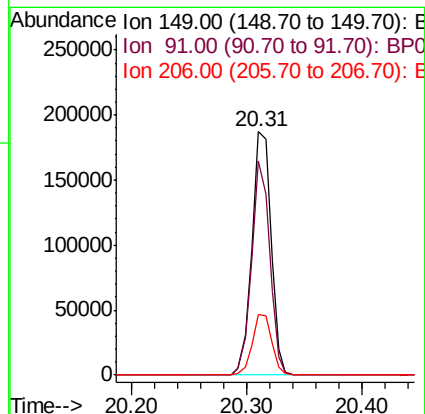
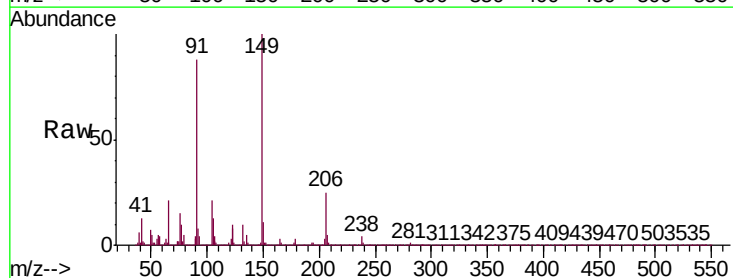
RT: 20.31 min Scan# 2979

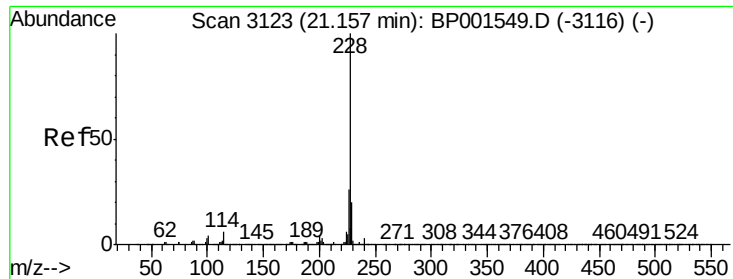
Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	149	Resp:	216384
Ion Ratio	Lower	Upper	
149	100		
91	88.1	64.8	97.2
206	24.6	19.4	29.0

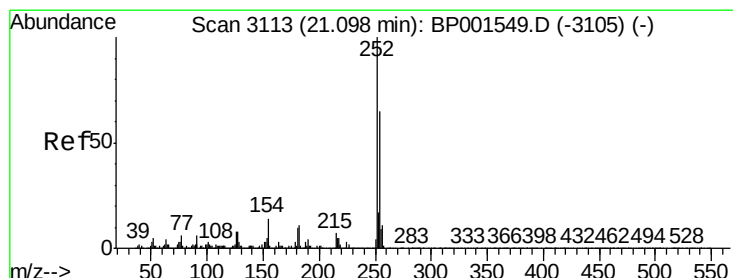
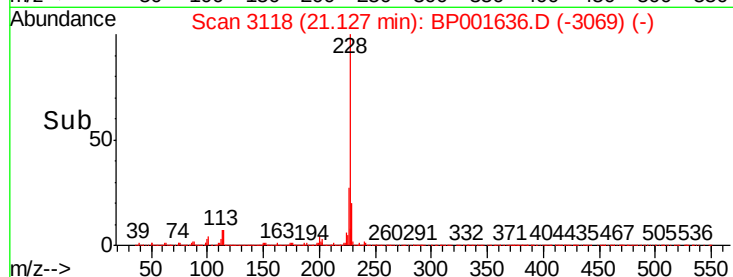
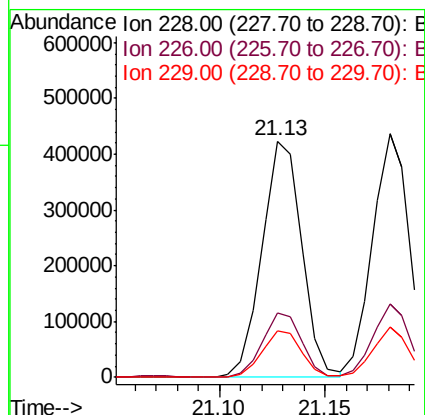
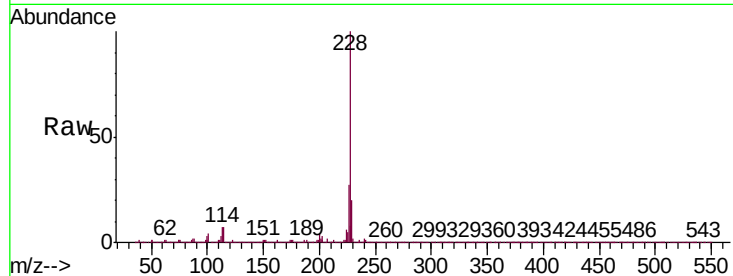




#81
Benzo(a)anthracene
Concen: 46.537 ng
RT: 21.13 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

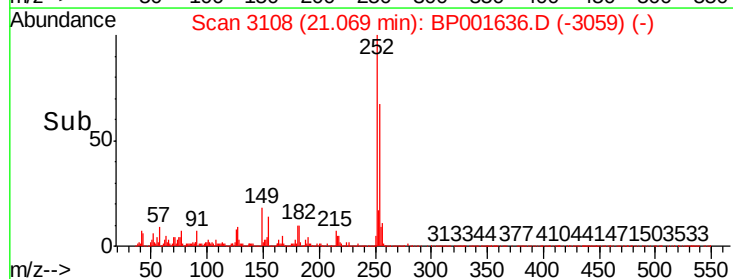
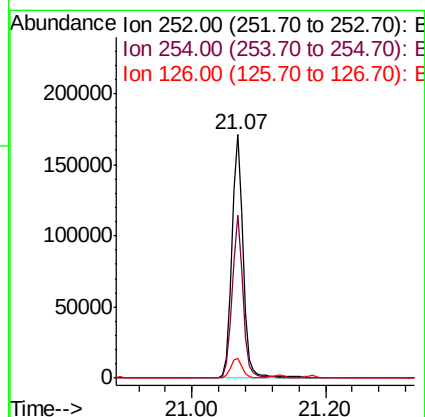
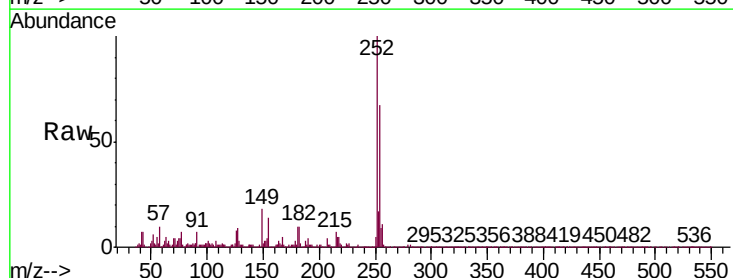
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

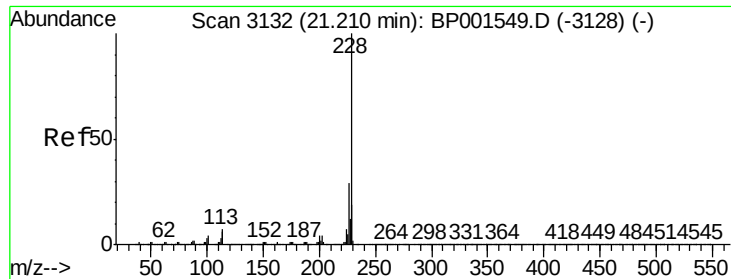
Tgt Ion:	228	Resp:	555532
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.2	31.8
229	19.8	16.1	24.1



#82
3,3'-Dichlorobenzidine
Concen: 45.738 ng
RT: 21.07 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:	252	Resp:	204743
Ion	Ratio	Lower	Upper
252	100		
254	66.8	52.2	78.2
126	8.0	6.6	9.8





#83

Chrysene

Concen: 45.880 ng

RT: 21.18 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

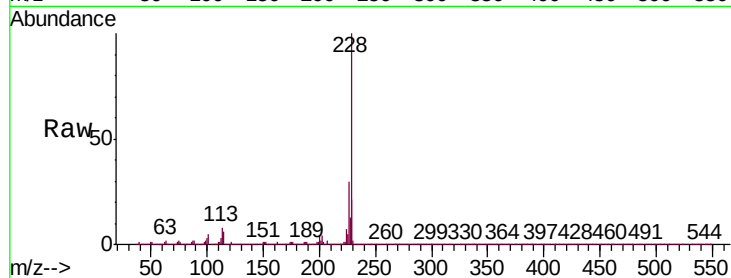
Tgt Ion:228 Resp: 533747

Ion Ratio Lower Upper

228 100

226 30.1 23.2 34.8

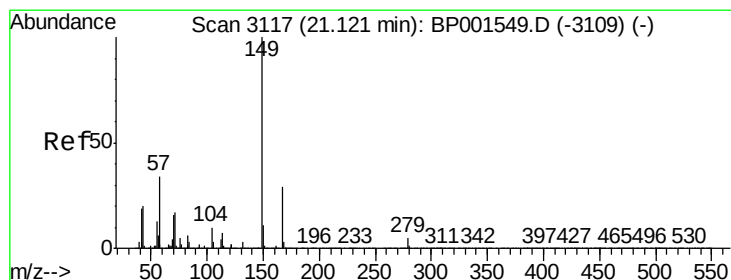
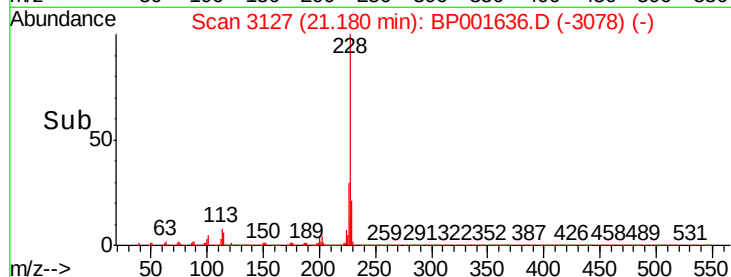
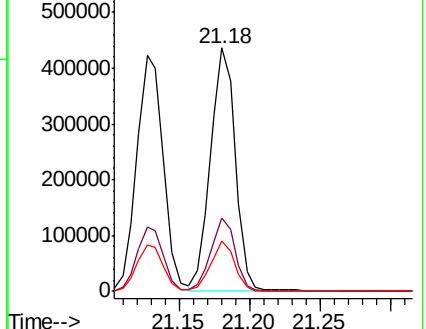
229 20.5 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.536 ng

RT: 21.09 min Scan# 3111

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

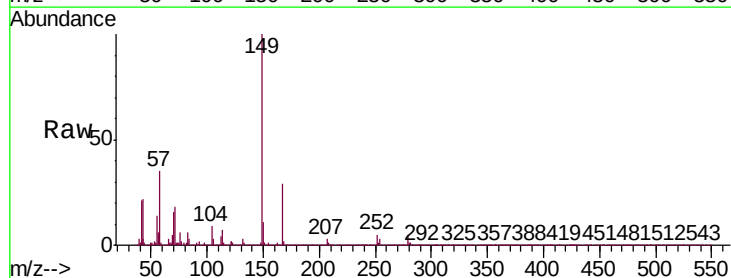
Tgt Ion:149 Resp: 305292

Ion Ratio Lower Upper

149 100

167 28.7 23.5 35.3

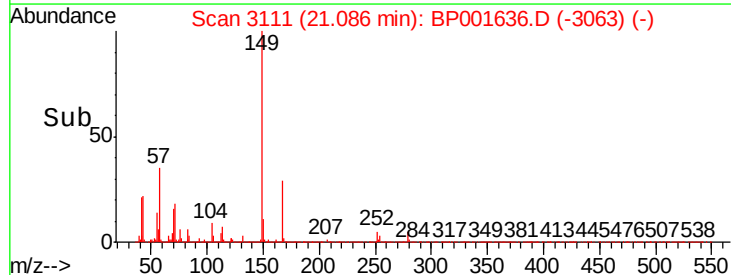
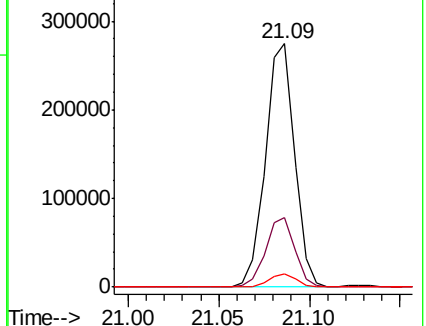
279 5.4 4.0 6.0

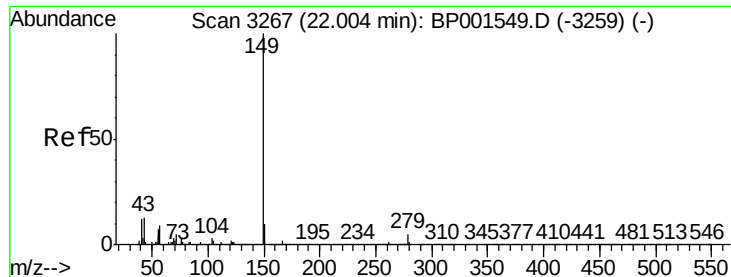


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

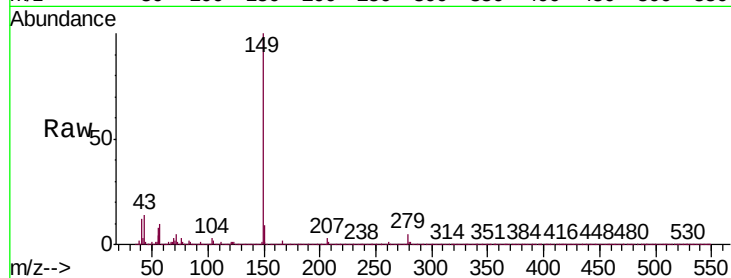




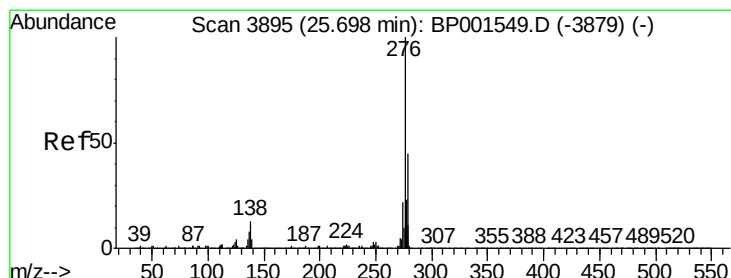
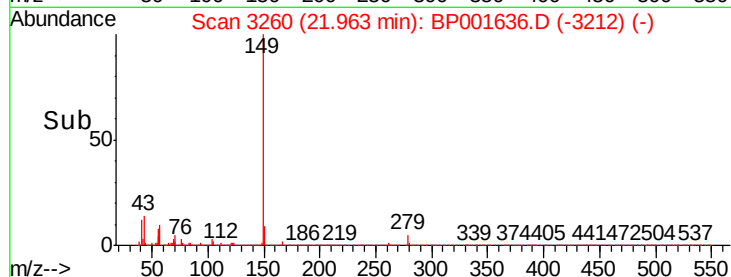
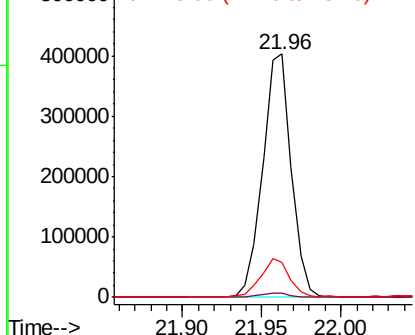
#85
Di-n-octyl phthalate
Concen: 48.477 ng
RT: 21.96 min Scan# 3260
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tgt Ion:149 Resp: 507094
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 15.4 10.7 16.1

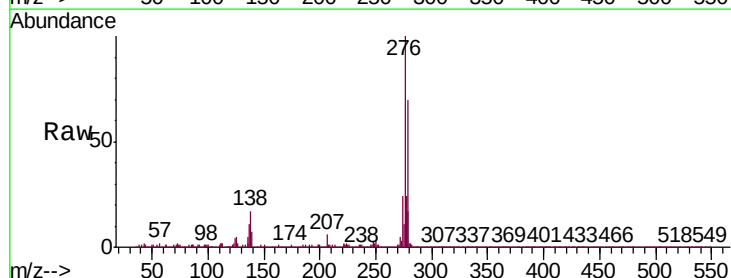


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0

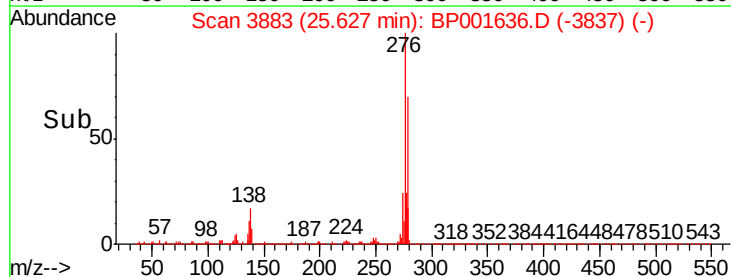
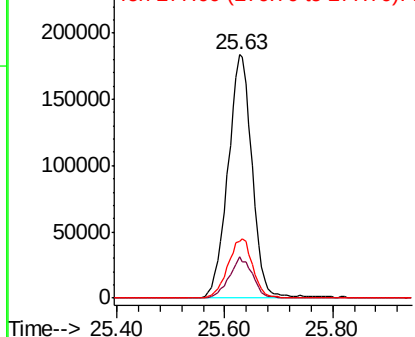


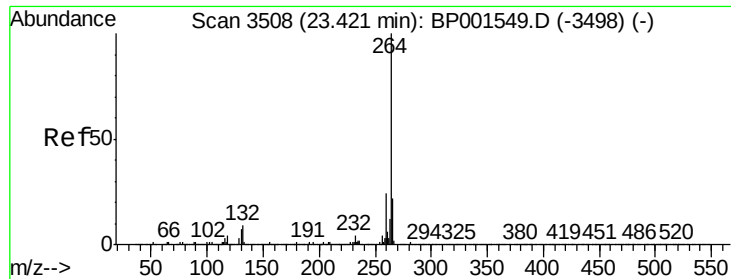
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.264 ng
RT: 25.63 min Scan# 3883
Delta R.T. -0.03 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion:276 Resp: 575549
Ion Ratio Lower Upper
276 100
138 16.3 11.1 16.7
277 24.8 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.37 min Scan# 3500

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

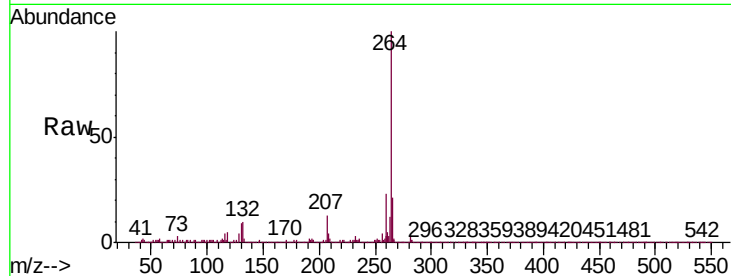
Tgt Ion:264 Resp: 175297

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

265 21.4 18.2 27.4

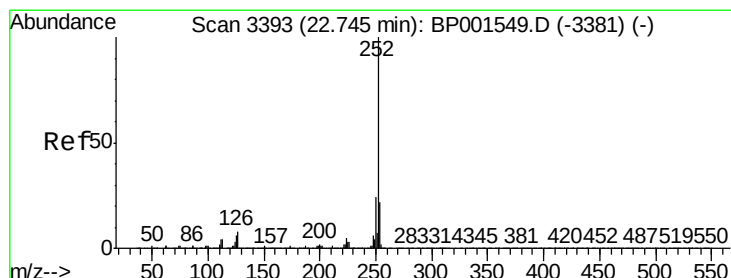
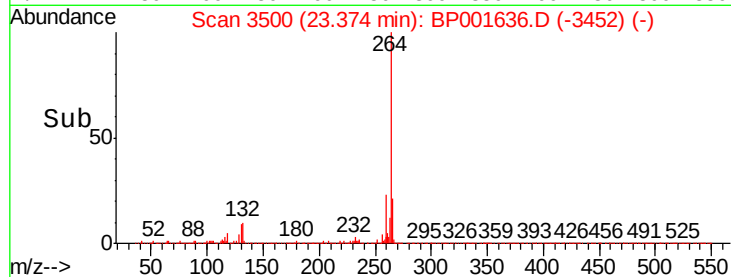
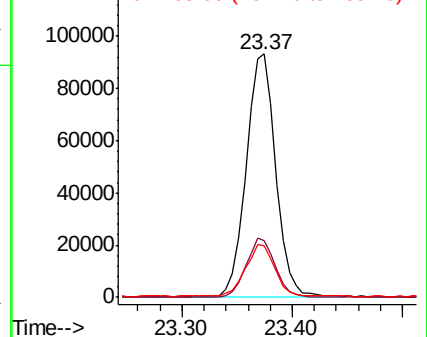


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.951 ng

RT: 22.71 min Scan# 3387

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

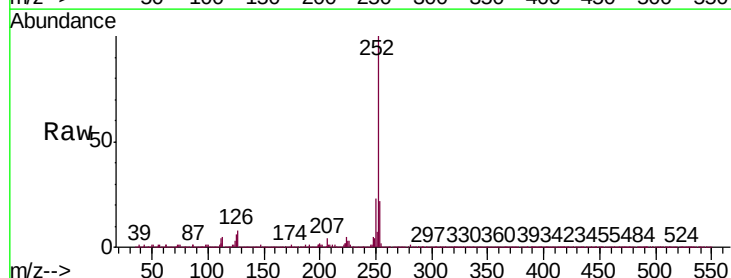
Tgt Ion:252 Resp: 518635

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

125 6.3 4.6 7.0

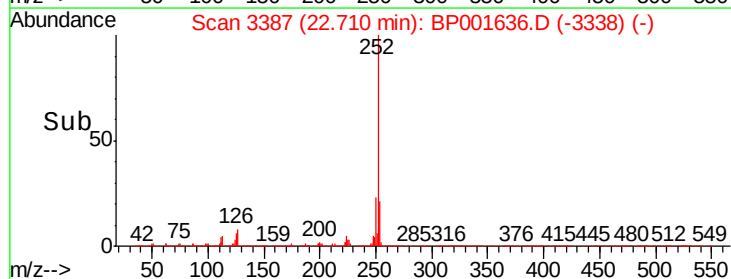
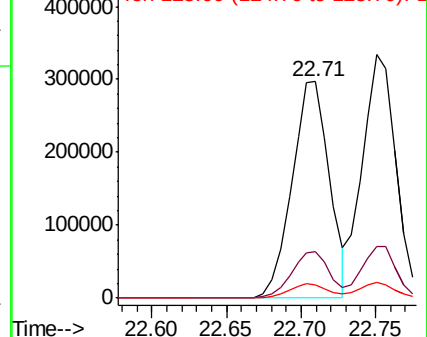


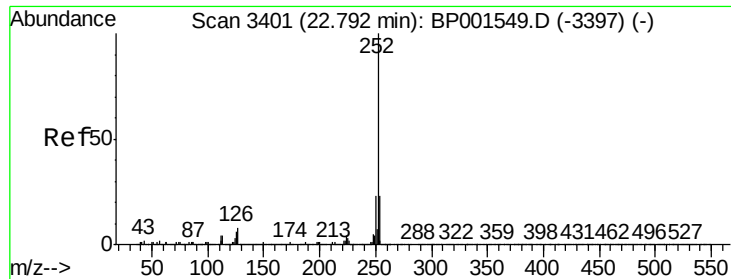
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

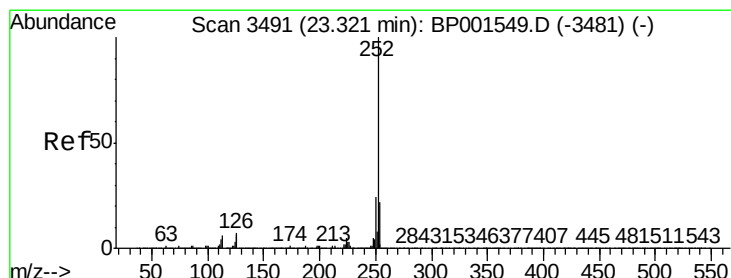
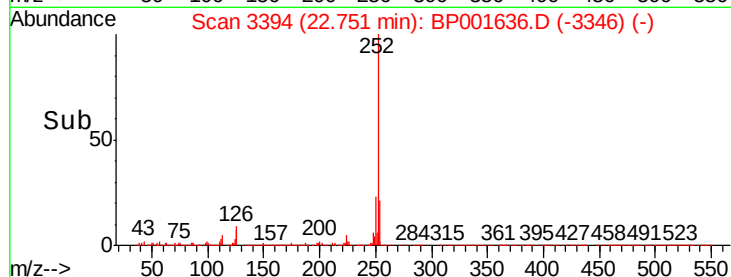
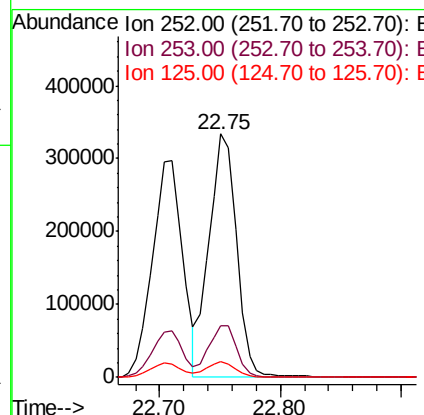
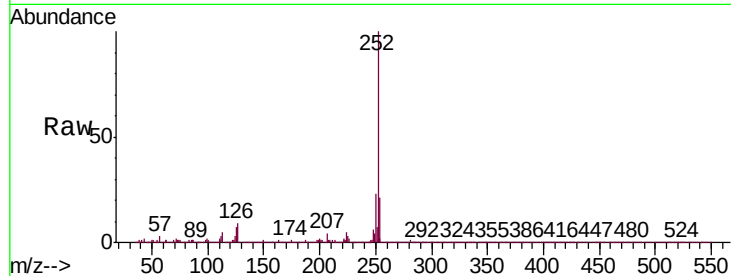




#89
Benzo(k)fluoranthene
Concen: 48.644 ng
RT: 22.75 min Scan# 3394
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

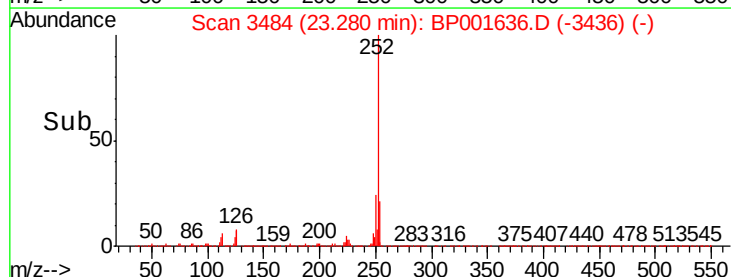
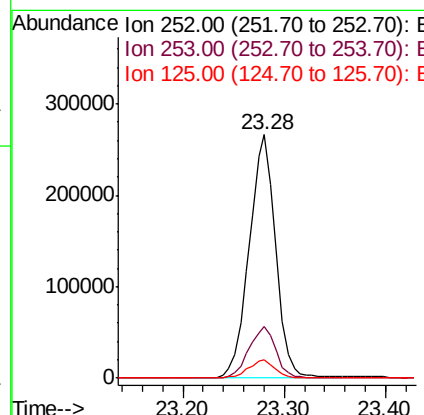
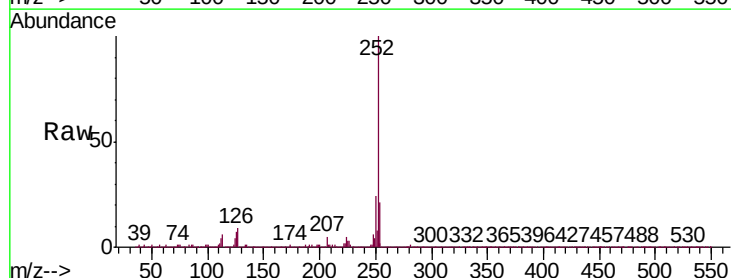
Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

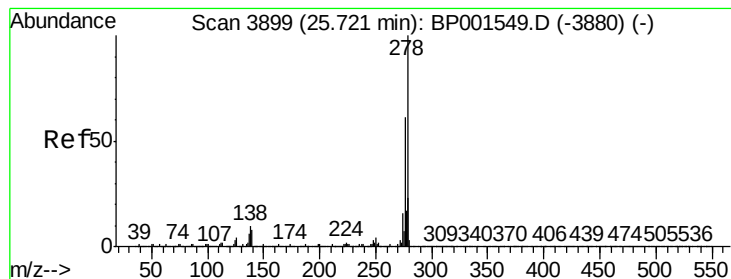
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.5	4.6	6.8



#90
Benzo(a)pyrene
Concen: 45.799 ng
RT: 23.28 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	7.3	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 45.200 ng

RT: 25.64 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

ClientSampleId :

SB-28-(4-6)MSD

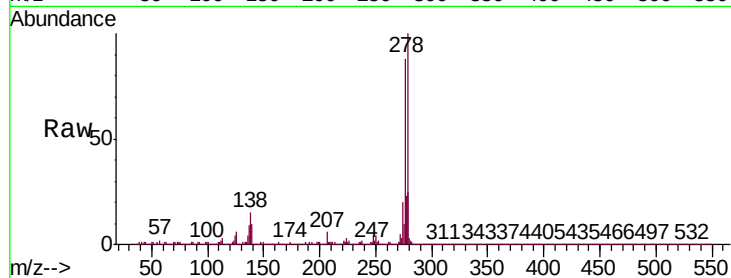
Tgt Ion:278 Resp: 489121

Ion Ratio Lower Upper

278 100

139 10.2 6.7 10.1#

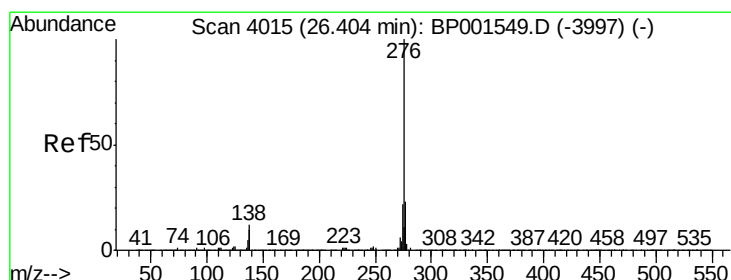
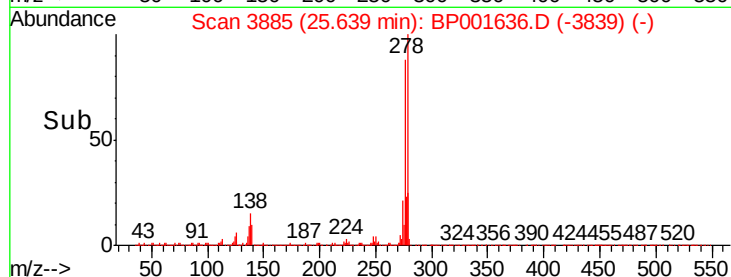
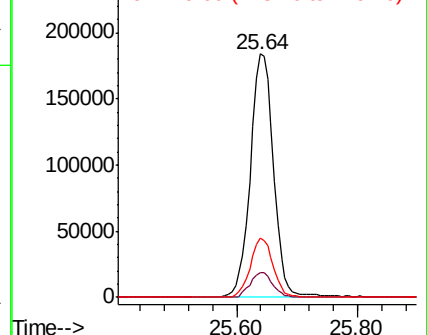
279 24.5 18.6 28.0



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: 44.977 ng

RT: 26.32 min Scan# 4000

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

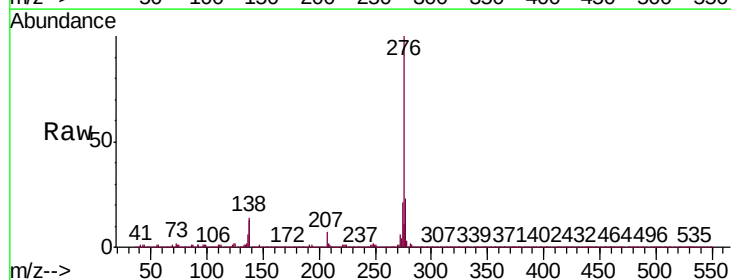
Tgt Ion:276 Resp: 483847

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 13.9 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

