

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000625.D
 Acq On : 10 Oct 2019 18:52
 Operator : JU
 Sample : K5297-10MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

Quant Time: Oct 11 02:27:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	252821	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	917045	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	510143	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	919481	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	728180	20.00	ng	-0.01
87) Perylene-d12	15.44	264	820969	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1336382	84.97	ng	-0.01
7) Phenol-d6	6.39	99	1731594	91.36	ng	-0.02
23) Nitrobenzene-d5	7.31	82	927591	61.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	463724	85.30	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1823704	57.84	ng	-0.02
79) Terphenyl-d14	12.90	244	2039091	56.70	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.49	88	221335	35.240	ng	98
3) Pyridine	3.22	79	543112	31.649	ng	98
4) n-Nitrosodimethylamine	3.16	42	191029	39.560	ng	97
6) Aniline	6.41	93	521353	22.642	ng	# 20
8) 2-Chlorophenol	6.54	128	639846	41.221	ng	100
9) Benzaldehyde	6.30	77	347224	35.171	ng	99
10) Phenol	6.40	94	849649	43.784	ng	99
11) bis(2-Chloroethyl)ether	6.49	93	595178	39.865	ng	100
12) 1,3-Dichlorobenzene	6.69	146	708608	37.659	ng	97
13) 1,4-Dichlorobenzene	6.77	146	718015	37.922	ng	98
14) 1,2-Dichlorobenzene	6.92	146	674563	38.588	ng	99
15) Benzyl Alcohol	6.89	79	500713	40.907	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.03	45	558167	40.531	ng	99
17) 2-Methylphenol	7.01	107	520510	40.575	ng	99
18) Hexachloroethane	7.26	117	241492	35.837	ng	94
19) n-Nitroso-di-n-propylamine	7.16	70	357178	40.885	ng	99
20) 3+4-Methylphenols	7.16	107	646961	43.100	ng	92
22) Acetophenone	7.16	105	858442	40.512	ng	98
24) Nitrobenzene	7.33	77	602477	41.603	ng	100
25) Isophorone	7.58	82	1127053	42.293	ng	99
26) 2-Nitrophenol	7.65	139	325988	42.806	ng	99
27) 2,4-Dimethylphenol	7.69	122	566370	48.517	ng	99
28) bis(2-Chloroethoxy)methane	7.79	93	748157	41.312	ng	100
29) 2,4-Dichlorophenol	7.90	162	566111	42.889	ng	99
30) 1,2,4-Trichlorobenzene	7.98	180	617627	39.842	ng	99
31) Naphthalene	8.06	128	1811270	42.291	ng	99
32) Benzoic acid	7.81	122	288175	39.095	ng	97
33) 4-Chloroaniline	8.10	127	226164	12.027	ng	99
34) Hexachlorobutadiene	8.18	225	354657	37.857	ng	98
35) Caprolactam	8.46	113	120429	27.240	ng	95
36) 4-Chloro-3-methylphenol	8.60	107	550187	42.559	ng	99
37) 2-Methylnaphthalene	8.75	142	1241628	43.185	ng	100
38) 1-Methylnaphthalene	8.85	142	1164621	42.869	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.92	216	622189	38.533	ng	99

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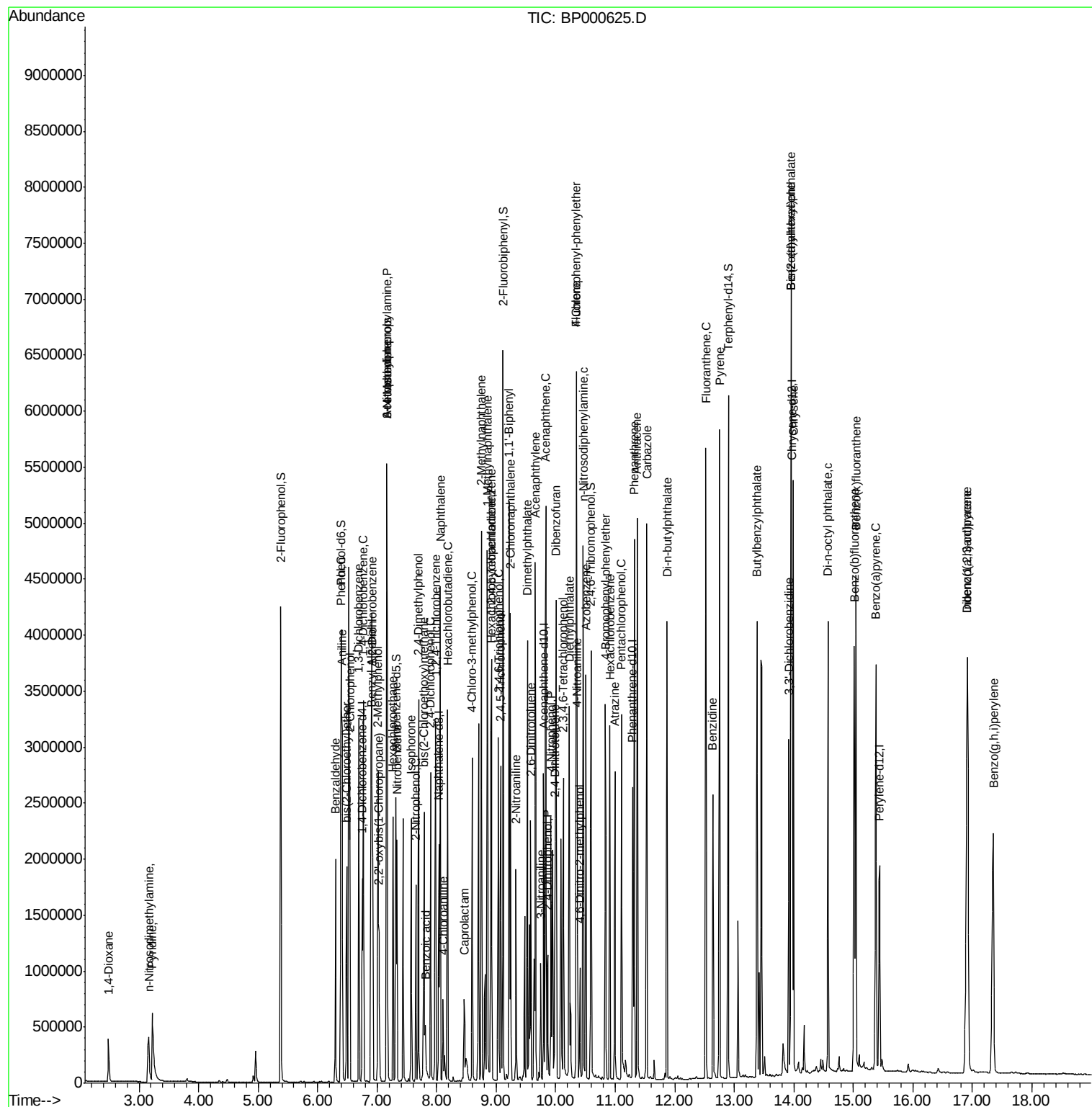
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41) Hexachlorocyclopentadiene	8.91	237	286477	47.579	ng	99
43) 2,4,6-Trichlorophenol	9.03	196	391420	39.380	ng	98
44) 2,4,5-Trichlorophenol	9.07	196	423029	41.221	ng	99
46) 1,1'-Biphenyl	9.22	154	1524101	39.580	ng	99
47) 2-Chloronaphthalene	9.24	162	1200925	40.332	ng	98
48) 2-Nitroaniline	9.33	65	282548	39.195	ng	99
49) Acenaphthylene	9.66	152	1857684	41.353	ng	100
50) Dimethylphthalate	9.52	163	1622466	45.771	ng	99
51) 2,6-Dinitrotoluene	9.58	165	309201	40.000	ng	97
52) Acenaphthene	9.83	154	1092190	40.080	ng	99
53) 3-Nitroaniline	9.75	138	161262	18.207	ng	97
54) 2,4-Dinitrophenol	9.86	184	166035	64.369	ng	93
55) Dibenzofuran	10.00	168	1678860	41.214	ng	99
56) 4-Nitrophenol	9.92	139	449345	79.462	ng	98
57) 2,4-Dinitrotoluene	9.99	165	408660	39.872	ng	92
58) Fluorene	10.35	166	1280967	44.122	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	345359	39.810	ng	99
60) Diethylphthalate	10.23	149	1332751	39.607	ng	99
61) 4-Chlorophenyl-phenylether	10.35	204	657783	42.134	ng	99
62) 4-Nitroaniline	10.36	138	298121	34.997	ng	98
63) Azobenzene	10.50	77	1150892	44.549	ng	98
65) 4,6-Dinitro-2-methylphenol	10.40	198	146608	35.969	ng	92
66) n-Nitrosodiphenylamine	10.46	169	1160403	43.331	ng	97
67) 4-Bromophenyl-phenylether	10.83	248	413954	39.994	ng	# 91
68) Hexachlorobenzene	10.91	284	440751	37.473	ng	98
69) Atrazine	10.99	200	361003	41.078	ng	100
70) Pentachlorophenol	11.10	266	405123	85.757	ng	97
71) Phenanthrene	11.32	178	1935533	41.914	ng	99
72) Anthracene	11.37	178	1964369	42.902	ng	100
73) Carbazole	11.53	167	1782222	41.990	ng	98
74) Di-n-butylphthalate	11.87	149	2115824	40.921	ng	100
75) Fluoranthene	12.52	202	2140878	41.279	ng	99
77) Benzidine	12.64	184	993125	47.098	ng	99
78) Pyrene	12.75	202	2163240	43.073	ng	99
80) Butylbenzylphthalate	13.38	149	919026	41.994	ng	97
81) Benzo(a)anthracene	13.96	228	1840303	41.421	ng	98
82) 3,3'-Dichlorobenzidine	13.92	252	606016	34.340	ng	99
83) Chrysene	13.99	228	1819252	41.719	ng	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1179605	42.857	ng	98
85) Di-n-octyl phthalate	14.57	149	2148533	43.067	ng	100
86) Indeno(1,2,3-cd)pyrene	16.91	276	2142822	39.338	ng	99
88) Benzo(b)fluoranthene	15.02	252	1961196	42.108	ng	98
89) Benzo(k)fluoranthene	15.05	252	1819774	41.039	ng	98
90) Benzo(a)pyrene	15.38	252	1864215	42.937	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	1758041	41.749	ng	100
92) Benzo(g,h,i)perylene	17.35	276	1799627	42.058	ng	99

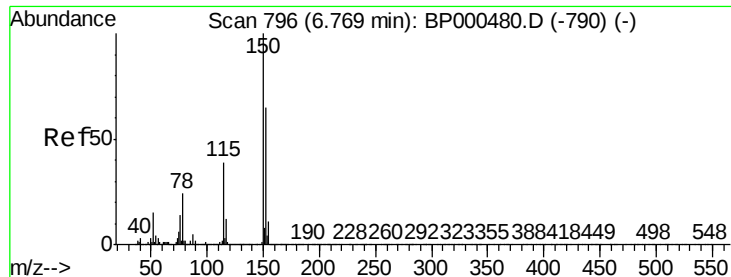
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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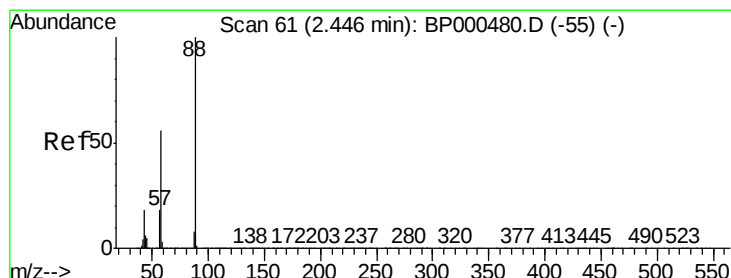
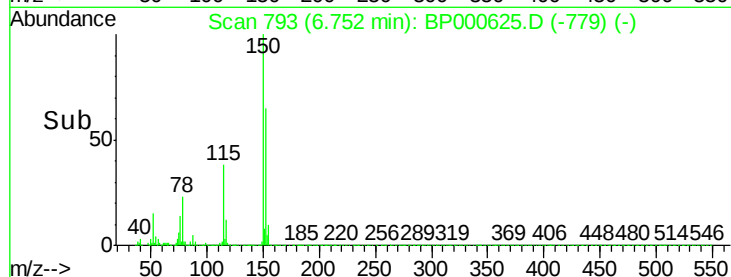
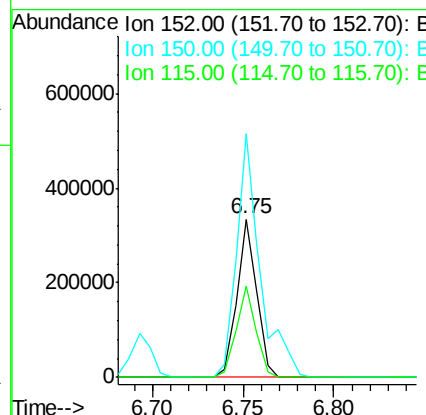
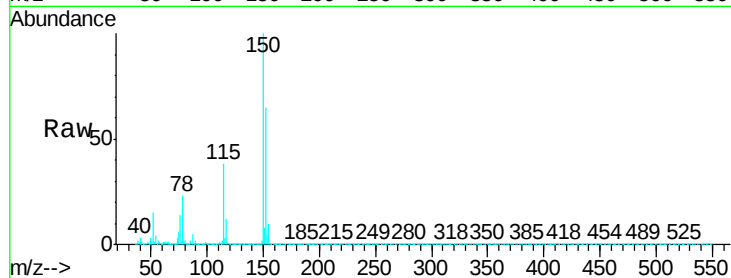


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Instrument :
BNA_P
ClientSampleId :
TP-4MS

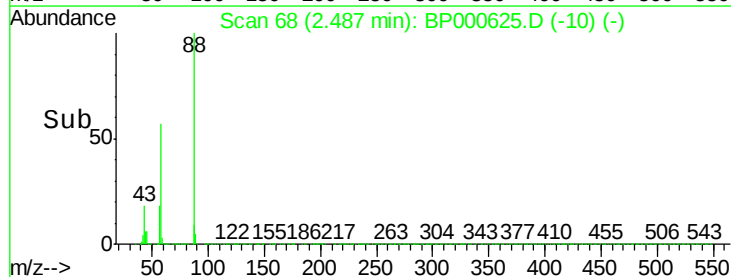
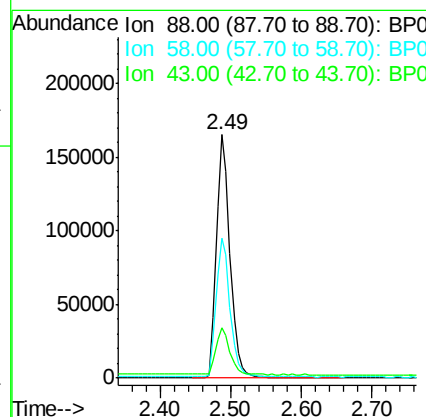
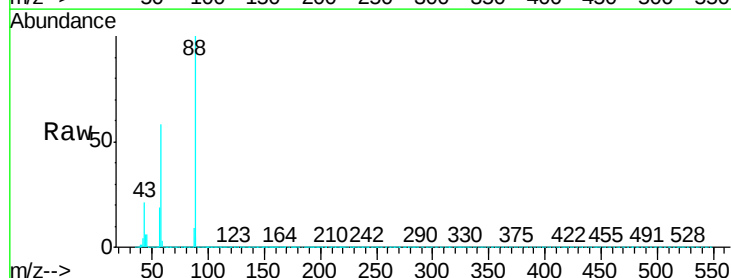
Tgt Ion: 152 Resp: 252821
Ion Ratio Lower Upper
152 100
150 154.0 124.1 186.1
115 58.1 48.7 73.1

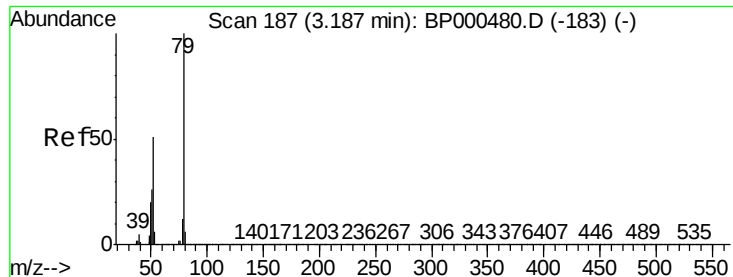


#2

1,4-Dioxane
Concen: 35.240 ng
RT: 2.49 min Scan# 68
Delta R.T. 0.04 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion: 88 Resp: 221335
Ion Ratio Lower Upper
88 100
58 57.9 45.3 67.9
43 19.9 14.5 21.7





#3

Pyridine

Concen: 31.649 ng

RT: 3.22 min Scan# 193

Delta R.T. 0.04 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

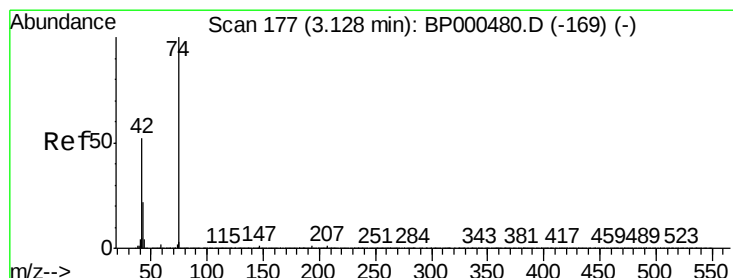
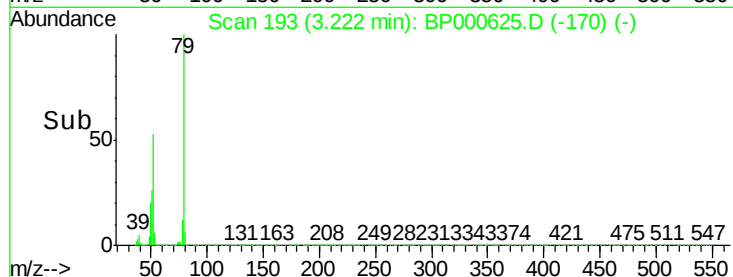
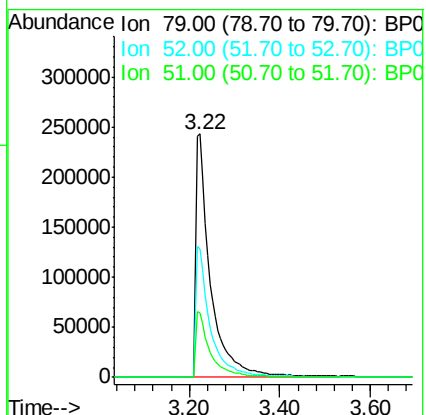
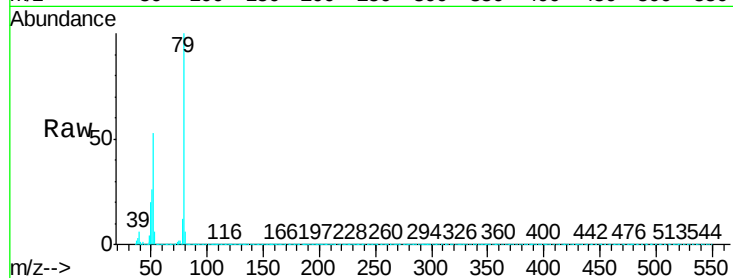
Tgt Ion: 79 Resp: 543112

Ion Ratio Lower Upper

79 100

52 52.6 40.7 61.1

51 26.3 20.5 30.7



#4

n-Nitrosodimethylamine

Concen: 39.560 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.04 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

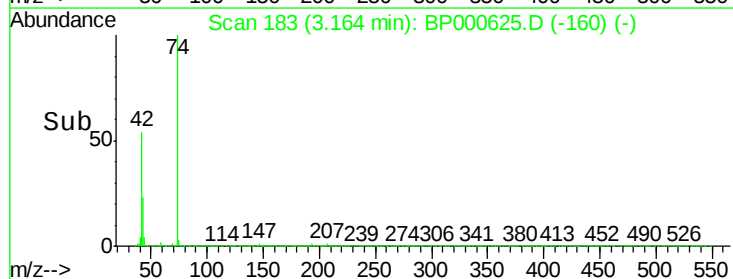
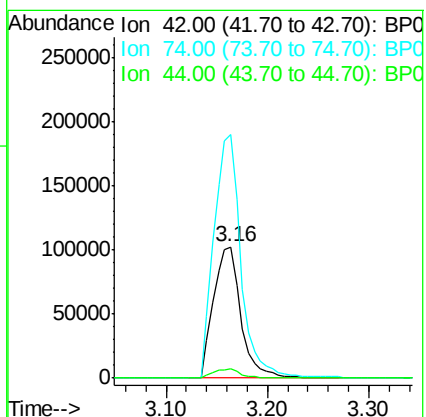
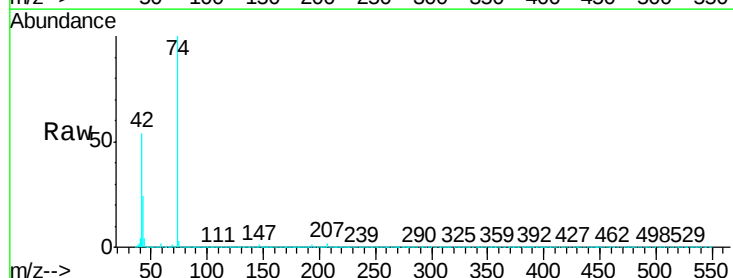
Tgt Ion: 42 Resp: 191029

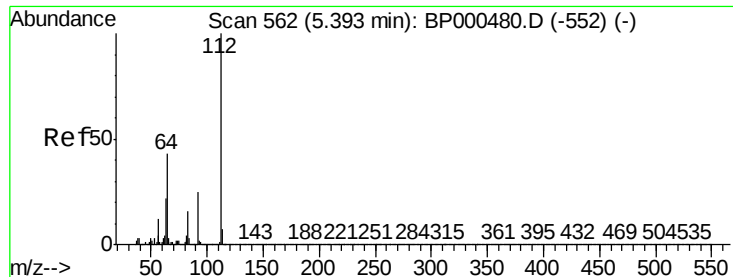
Ion Ratio Lower Upper

42 100

74 185.3 152.4 228.6

44 6.9 5.6 8.4





#5

2-Fluorophenol

Concen: 84.968 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000625.D

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Instrument :

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ClientSampleId :

TP-4MS

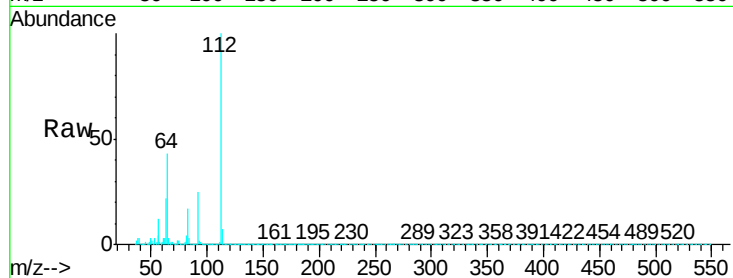
Tgt Ion: 112 Resp: 1336382

Ion Ratio Lower Upper

112 100

64 43.4 34.2 51.4

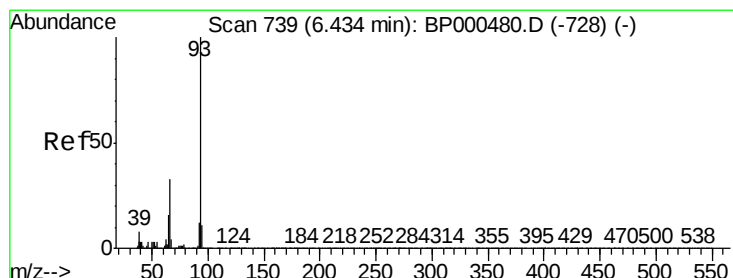
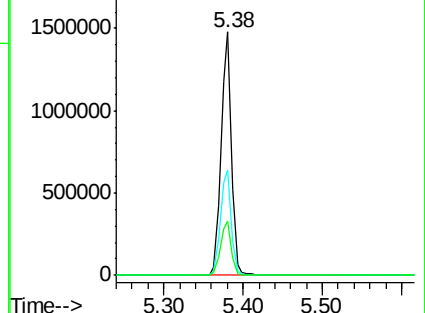
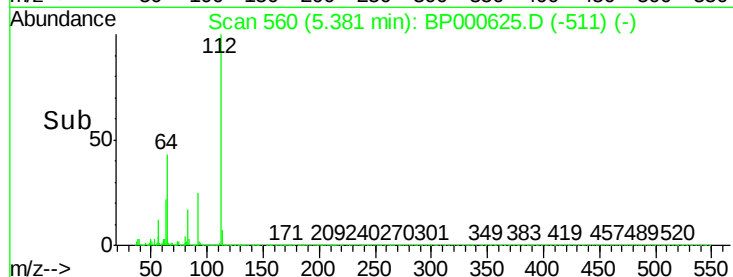
63 22.1 17.9 26.9



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: 22.642 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

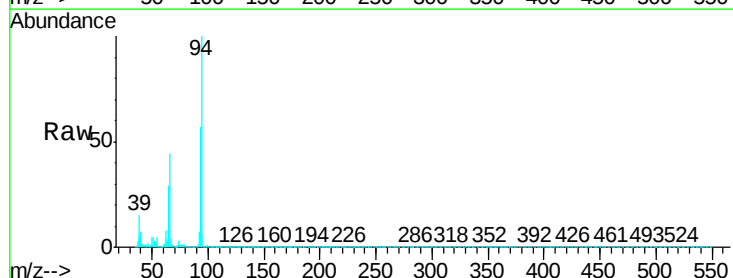
Tgt Ion: 93 Resp: 521353

Ion Ratio Lower Upper

93 100

66 78.1 26.3 39.5#

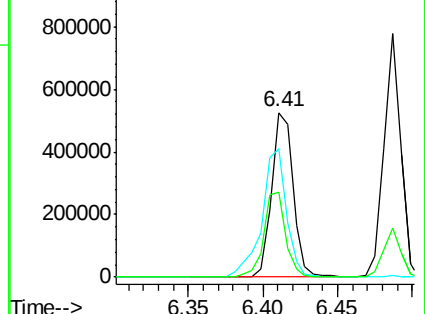
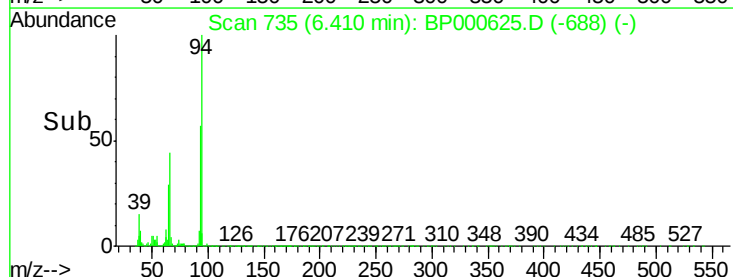
65 51.4 13.2 19.8#

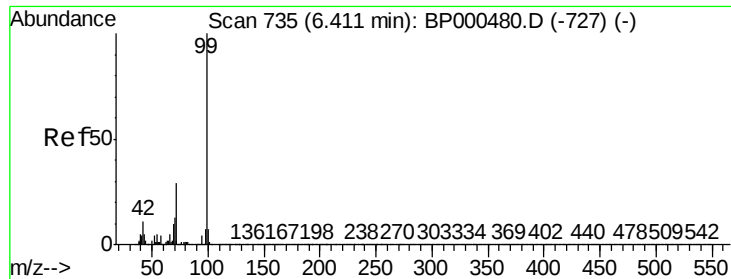


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 91.362 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

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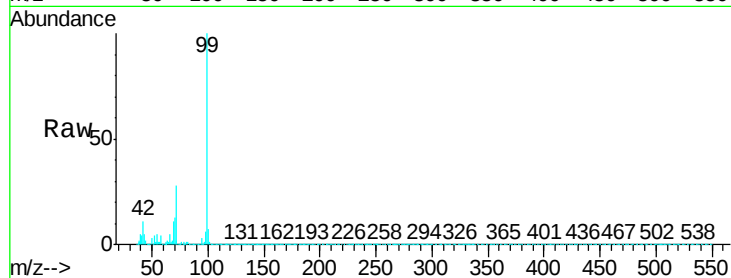
Tgt Ion: 99 Resp: 1731594

Ion Ratio Lower Upper

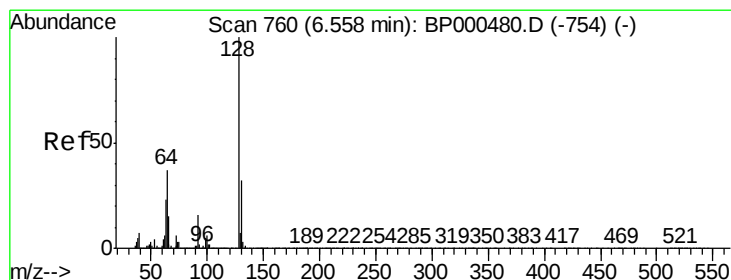
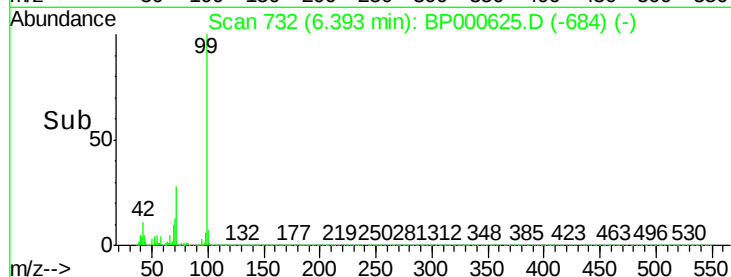
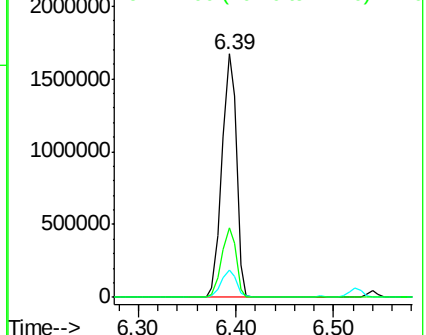
99 100

42 11.1 8.6 12.8

71 28.4 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.221 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

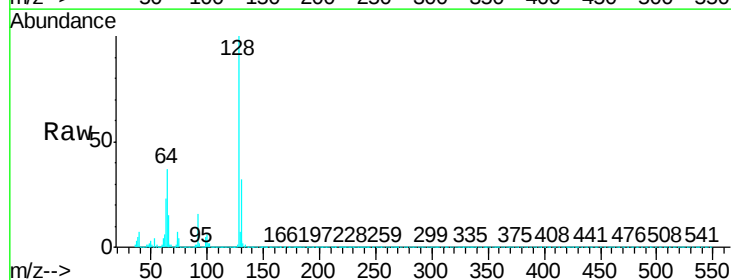
Tgt Ion: 128 Resp: 639846

Ion Ratio Lower Upper

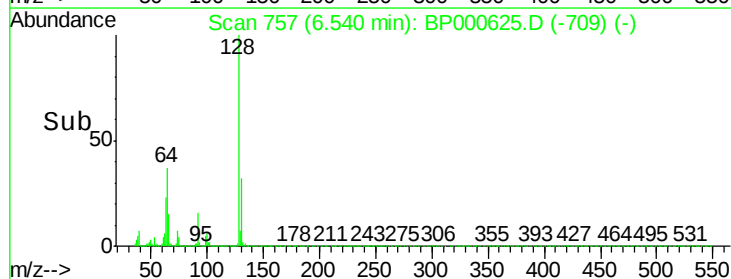
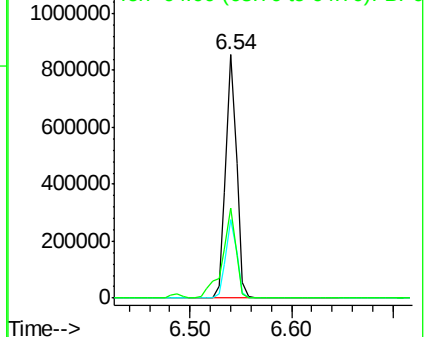
128 100

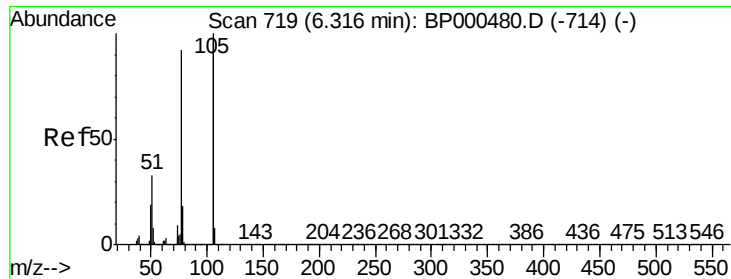
130 32.1 12.2 52.2

64 37.1 17.2 57.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 35.171 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.02 min

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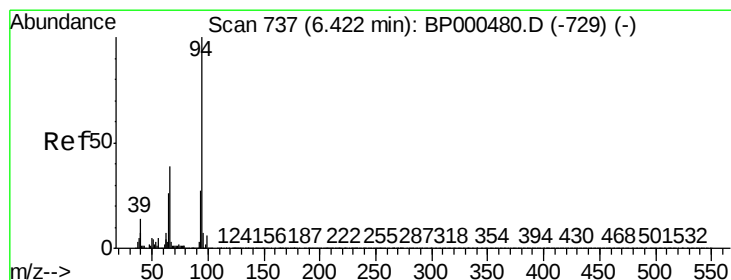
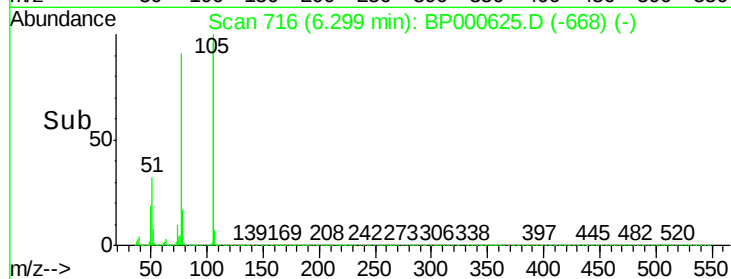
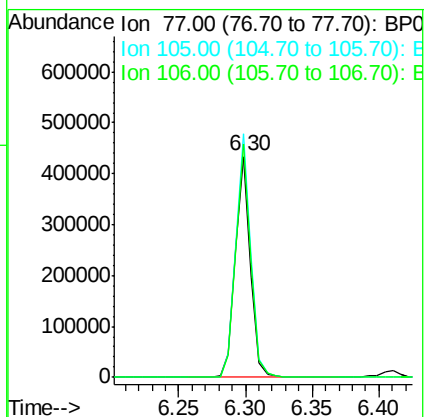
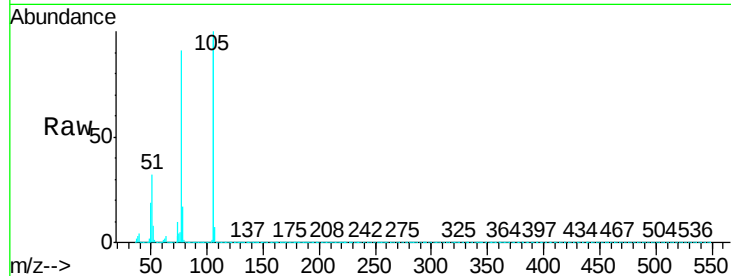
Tgt Ion: 77 Resp: 347224

Ion Ratio Lower Upper

77 100

105 110.3 88.3 128.3

106 105.7 85.7 125.7



#10

Phenol

Concen: 43.784 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

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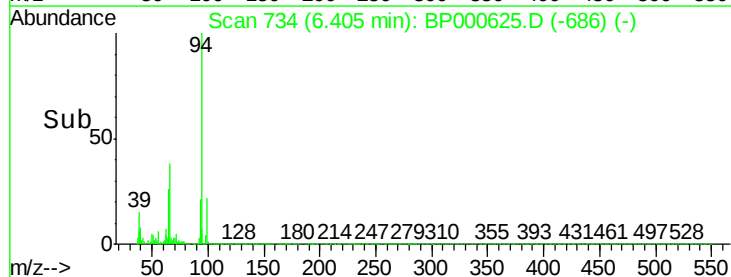
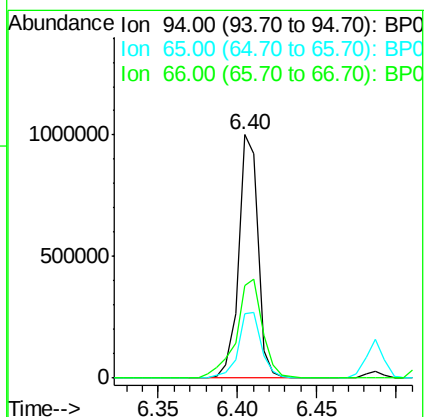
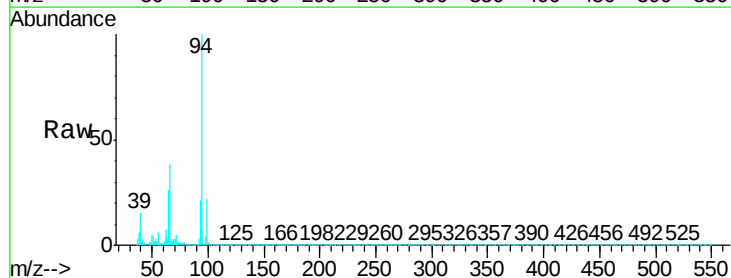
Tgt Ion: 94 Resp: 849649

Ion Ratio Lower Upper

94 100

65 26.4 5.9 45.9

66 37.9 18.8 58.8

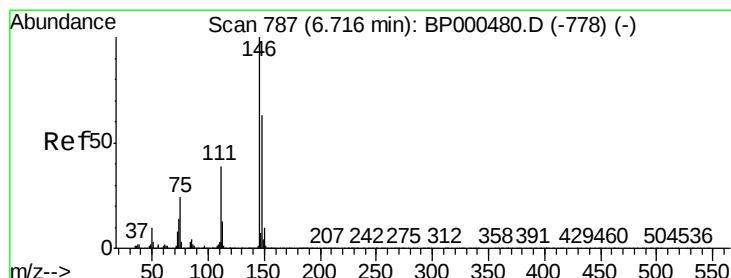
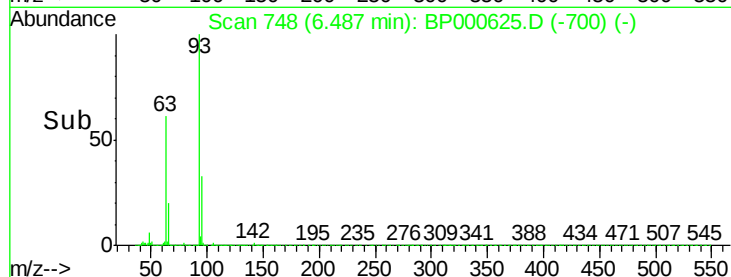
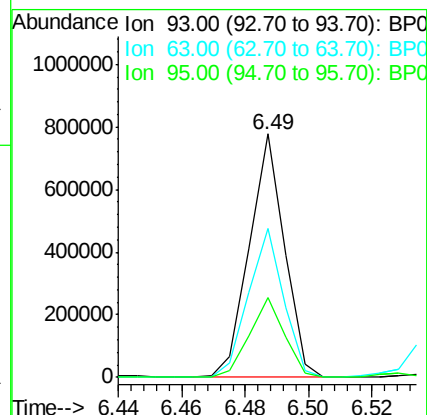
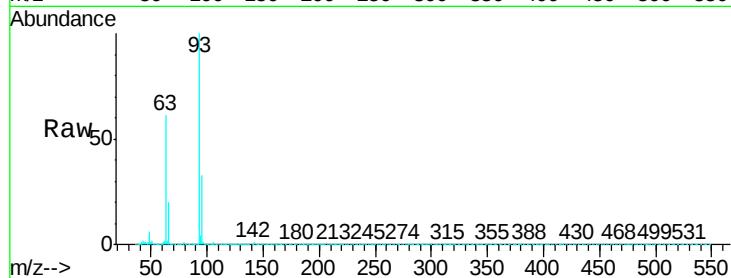




#11
bis(2-Chloroethyl)ether
Concen: 39.865 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

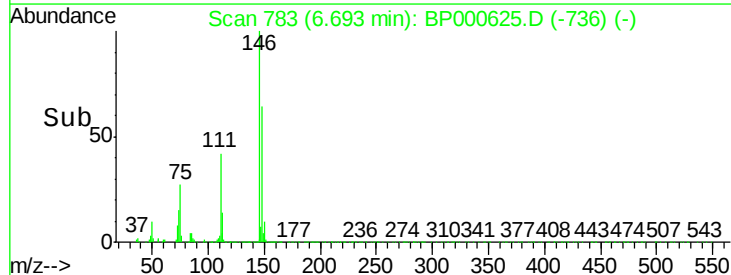
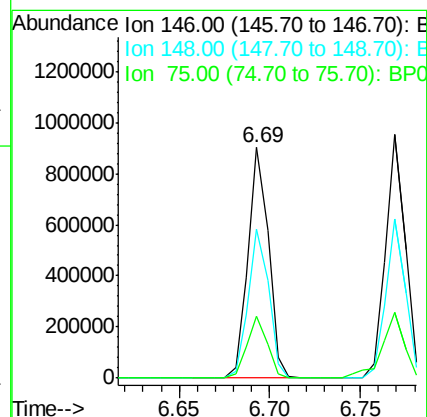
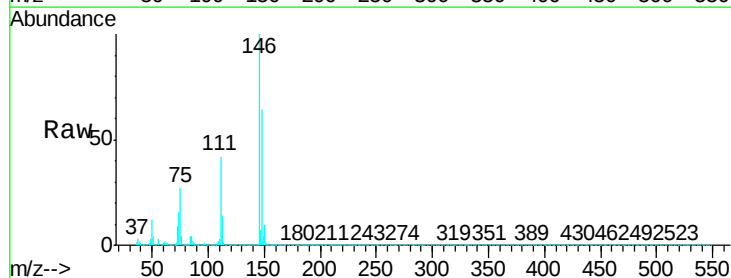
Instrument :
BNA_P
ClientSampleId :
TP-4MS

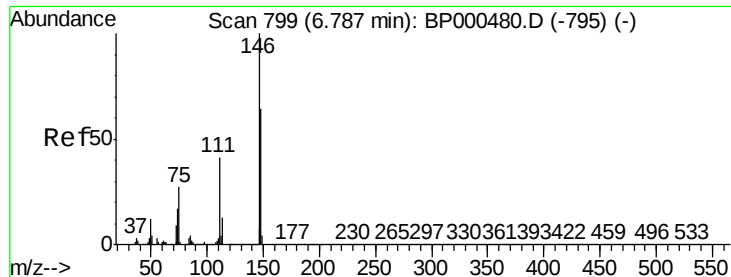
Tgt Ion	Ratio	Lower	Upper
93	100		
63	60.9	41.1	81.1
95	32.6	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 37.659 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.7	76.1
75	27.0	19.1	28.7

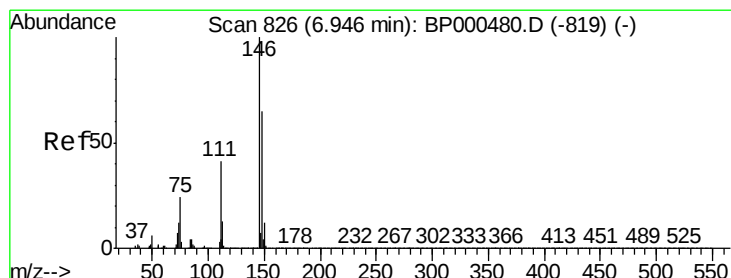
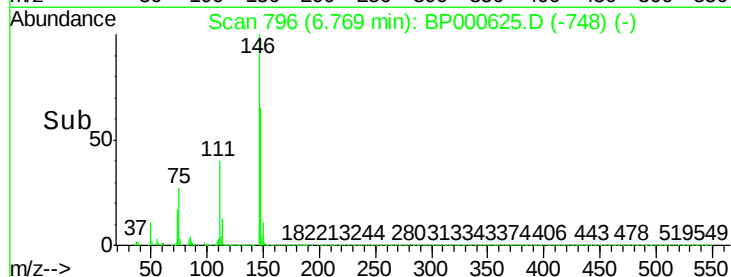
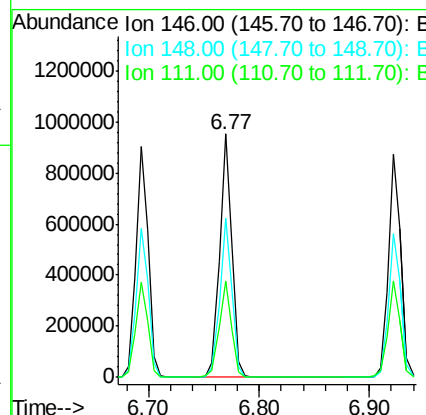
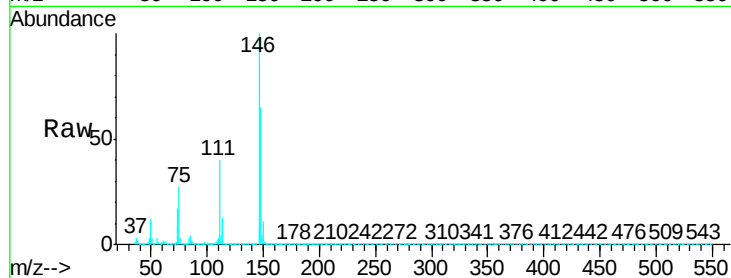




#13
 1,4-Dichlorobenzene
 Concen: 37.922 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

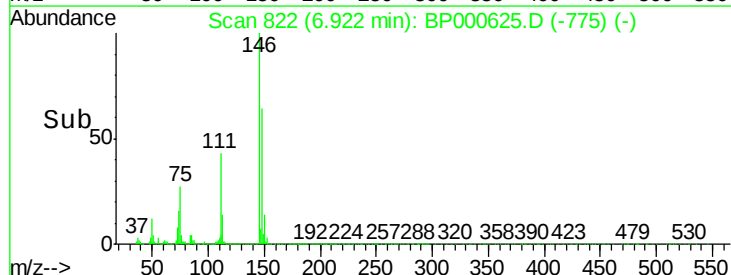
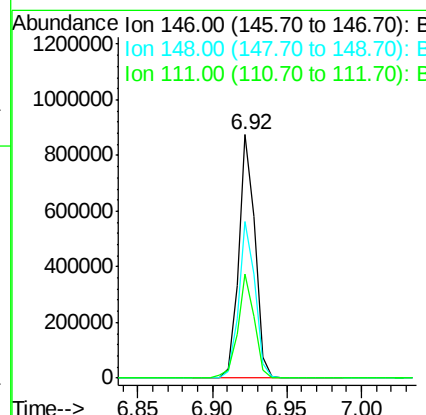
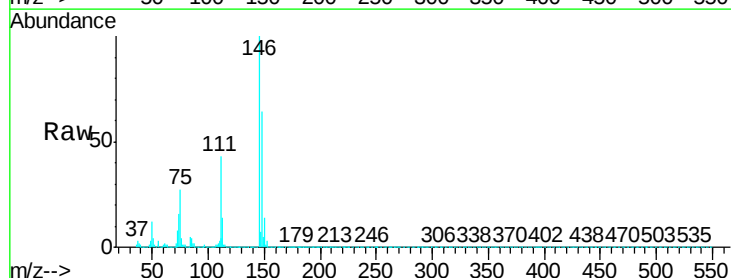
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

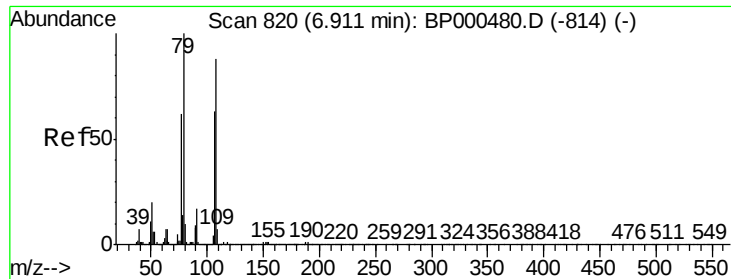
Tgt Ion:146 Resp: 718015
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 39.7 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 38.588 ng
 RT: 6.92 min Scan# 822
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

Tgt Ion:146 Resp: 674563
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 111 42.9 32.8 49.2

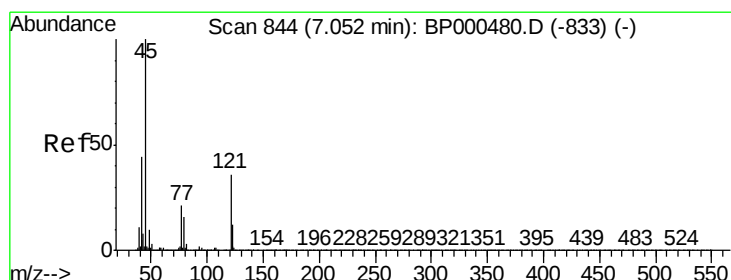
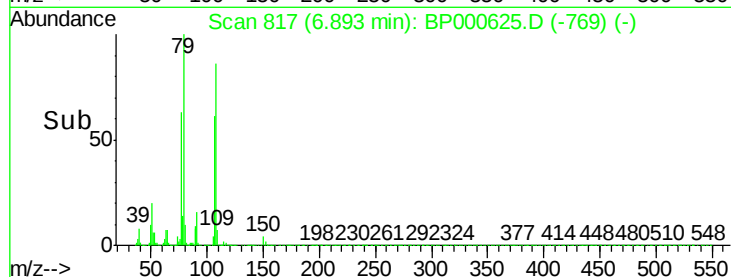
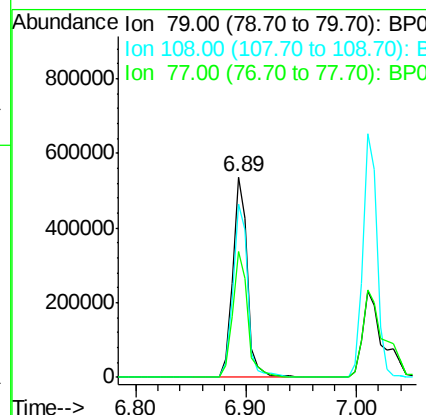
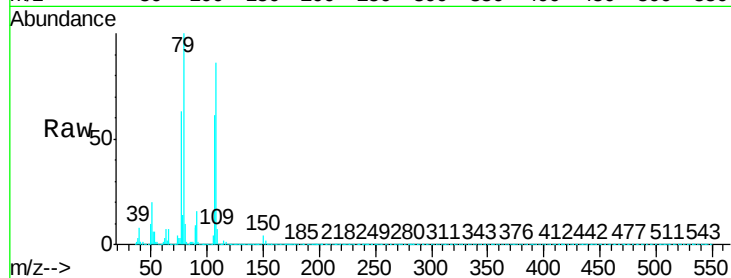




#15
Benzyl Alcohol
Concen: 40.907 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

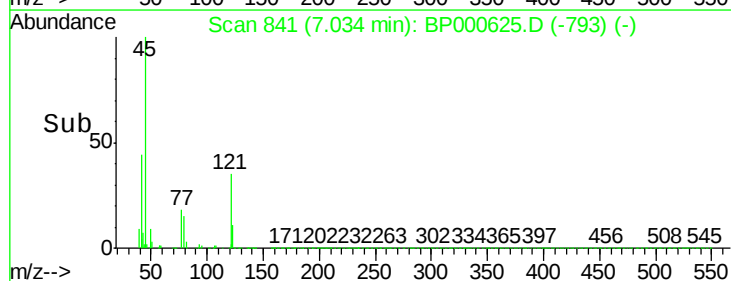
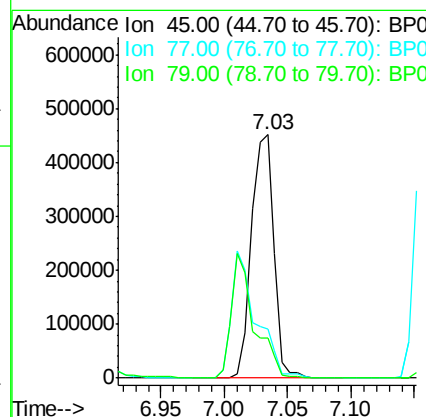
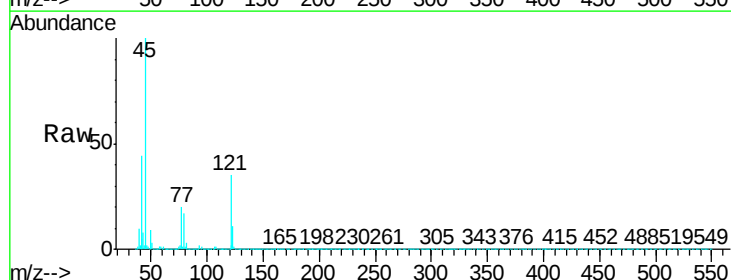
Instrument :
BNA_P
ClientSampleId :
TP-4MS

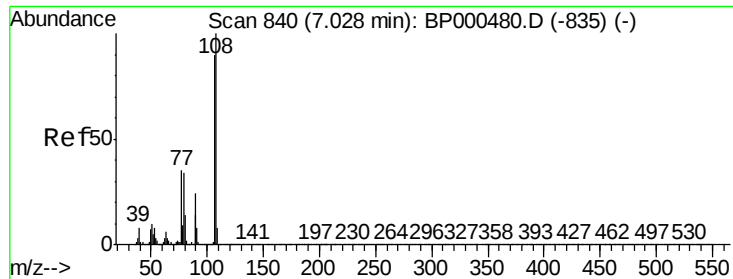
Tgt Ion: 79 Resp: 500713
Ion Ratio Lower Upper
79 100
108 86.3 70.8 106.2
77 62.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.531 ng
RT: 7.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion: 45 Resp: 558167
Ion Ratio Lower Upper
45 100
77 20.4 1.1 41.1
79 16.6 0.0 36.8

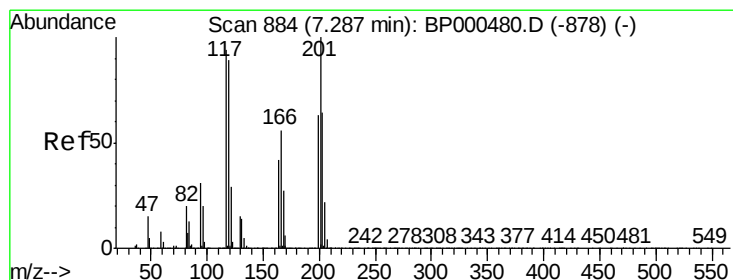
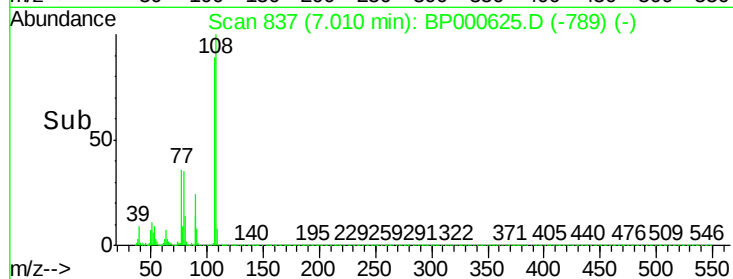
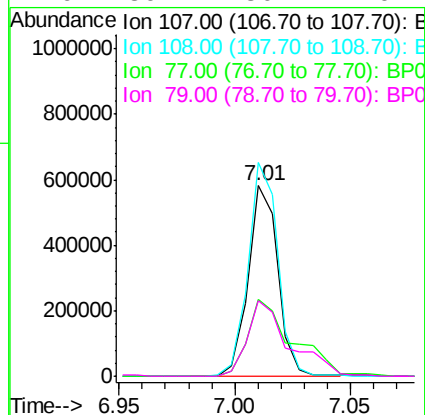
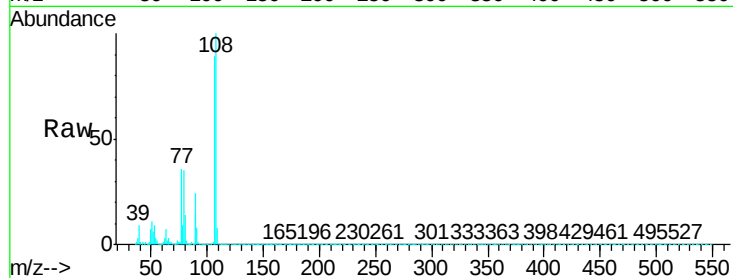




#17
2-Methylphenol
Concen: 40.575 ng
RT: 7.01 min Scan# 837
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

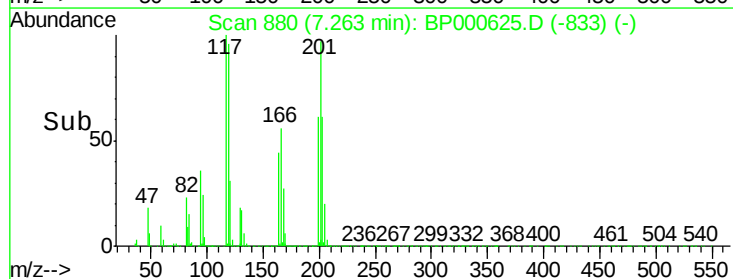
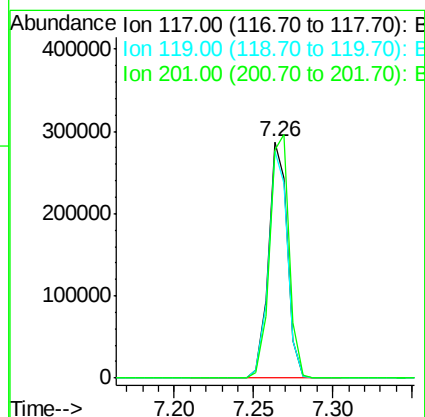
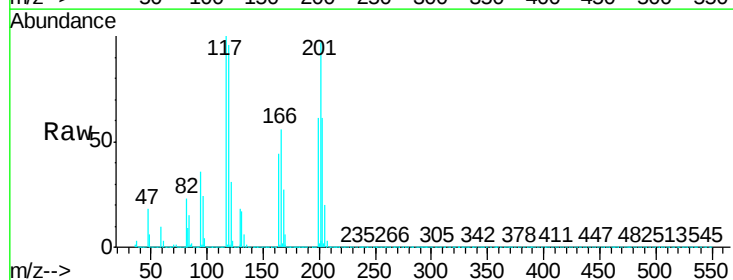
Instrument :
BNA_P
ClientSampled :
TP-4MS

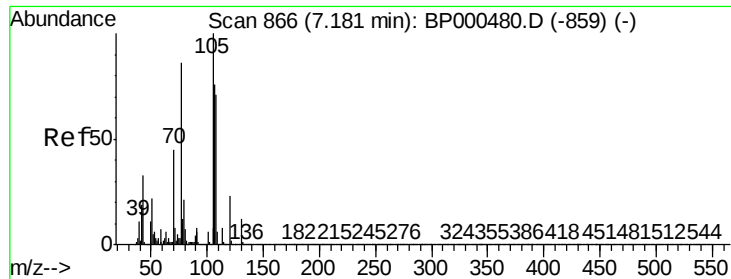
Tgt Ion:	107	Resp:	520510
Ion	Ratio	Lower	Upper
107	100		
108	112.1	89.0	133.4
77	40.5	31.2	46.8
79	39.7	30.7	46.1



#18
Hexachloroethane
Concen: 35.837 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:	117	Resp:	241492
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.3	114.5
201	96.6	85.4	128.0

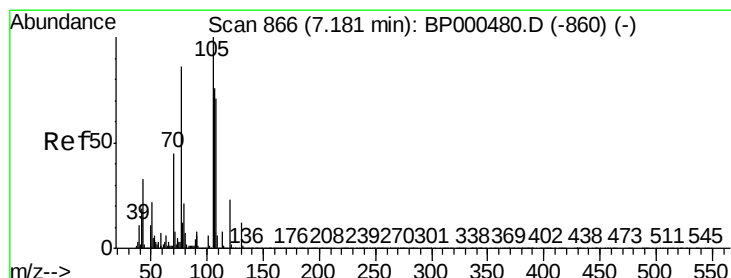
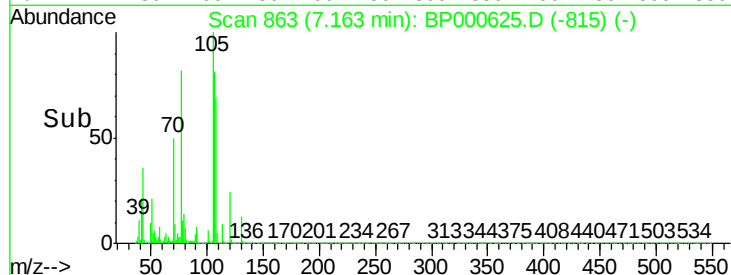
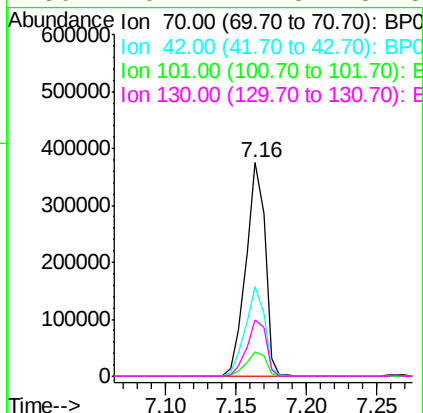
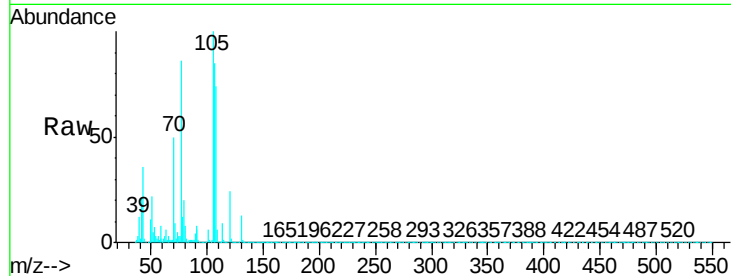




#19
n-Nitroso-di-n-propylamine
Concen: 40.885 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

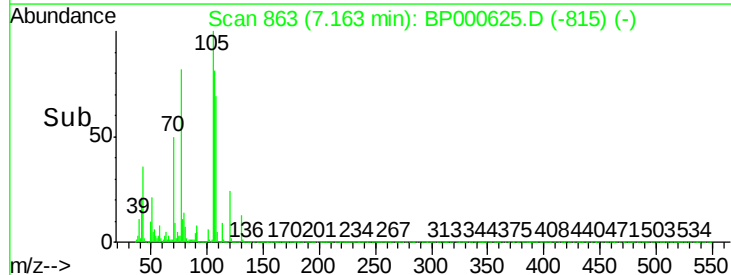
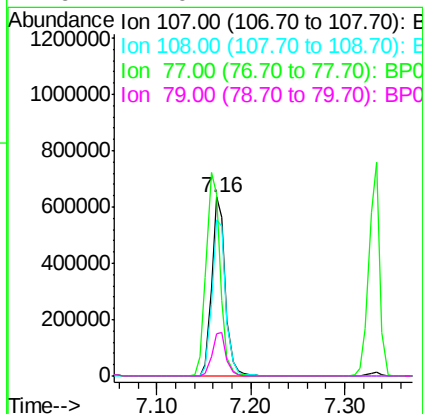
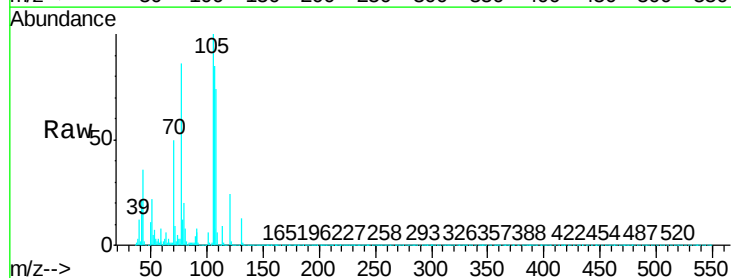
Instrument :
BNA_P
ClientSampleId :
TP-4MS

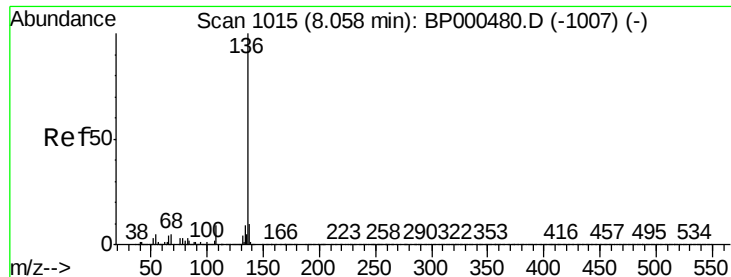
Tgt Ion:	70	Resp:	357178
Ion	Ratio	Lower	Upper
70	100		
42	41.9	33.2	49.8
101	11.6	9.9	14.9
130	26.4	21.8	32.8



#20
3+4-Methylphenols
Concen: 43.100 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:	107	Resp:	646961
Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.6	112.6
77	101.3	93.3	133.3
79	24.0	7.1	47.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

Tgt Ion:136 Resp: 917045

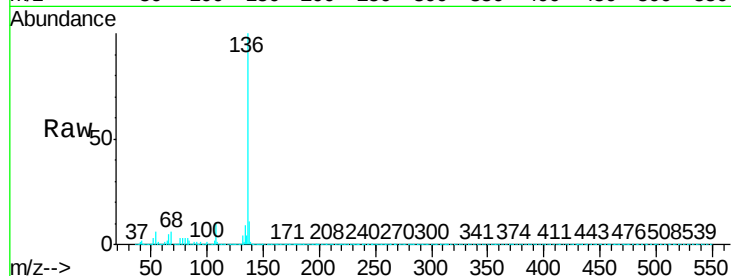
Ion Ratio Lower Upper

136 100

137 11.2 8.2 12.4

54 6.0 4.1 6.1

68 5.9 4.1 6.1

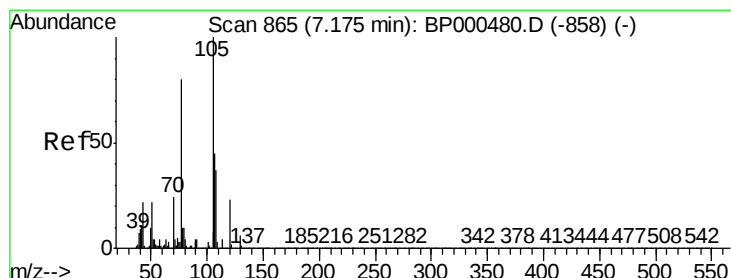
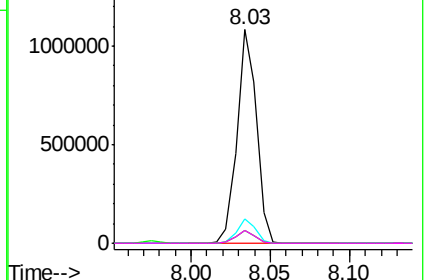
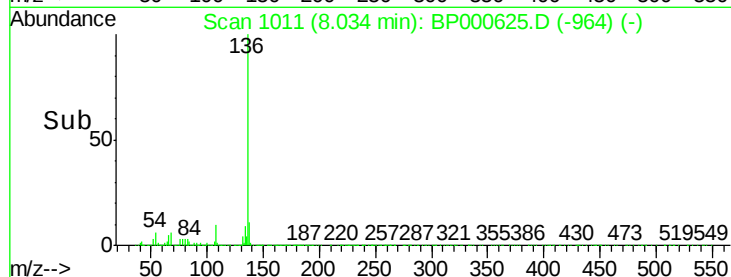


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#22

Acetophenone

Concen: 40.512 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Tgt Ion:105 Resp: 858442

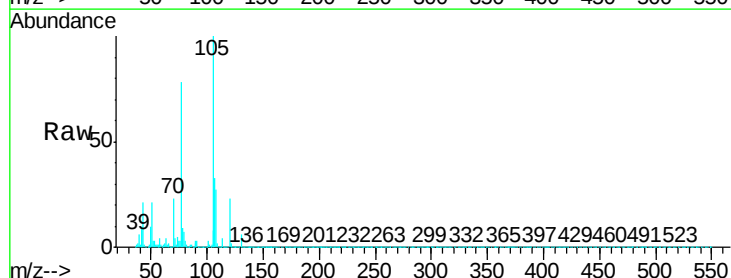
Ion Ratio Lower Upper

105 100

71 4.1 3.3 4.9

51 20.6 17.4 26.2

120 23.1 18.0 27.0

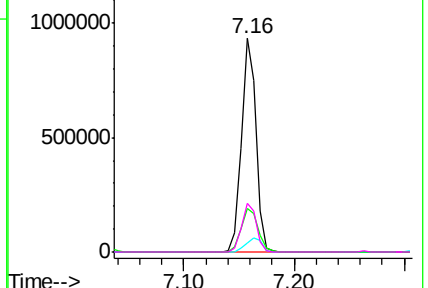
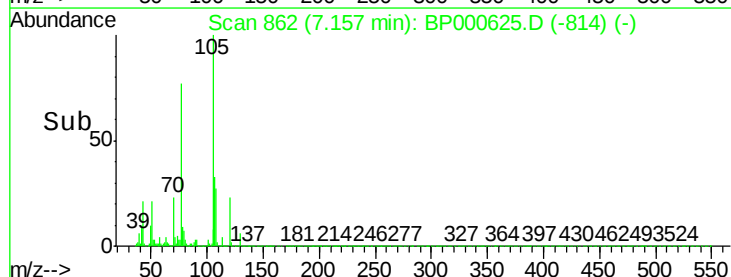


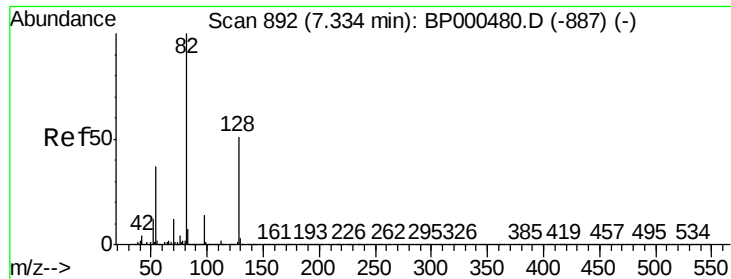
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BP0

Ion 51.00 (50.70 to 51.70): BP0

Ion 120.00 (119.70 to 120.70): E

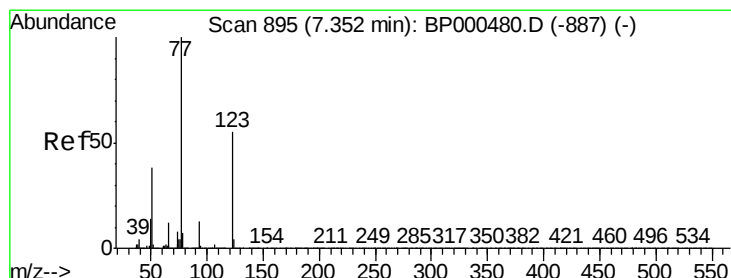
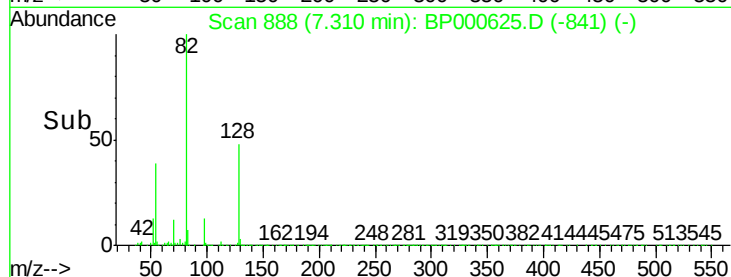
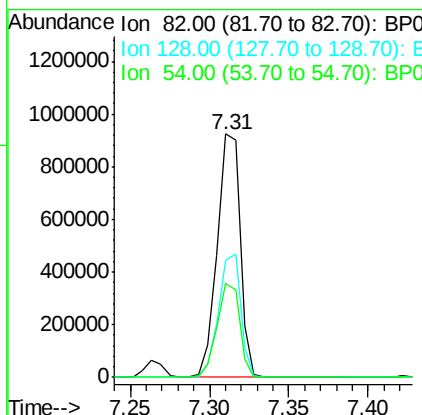
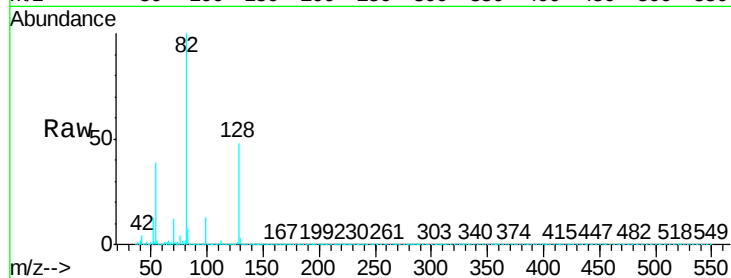




#23
 Nitrobenzene-d5
 Concen: 61.778 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

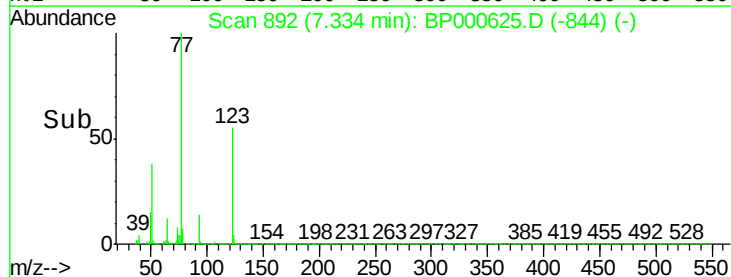
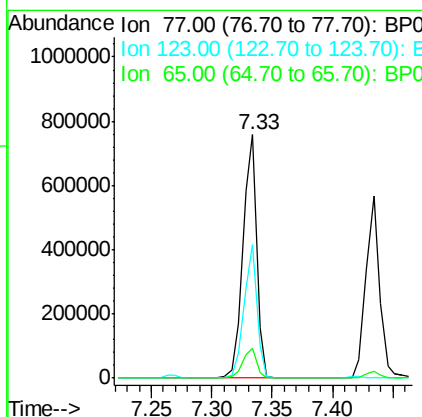
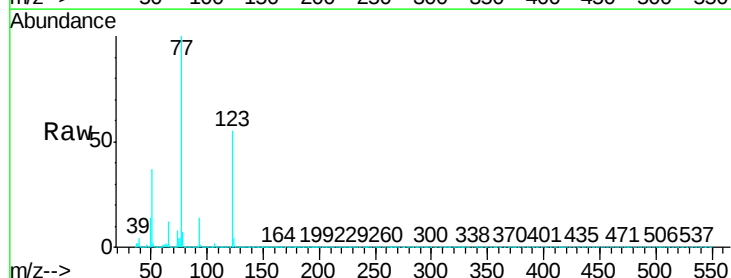
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

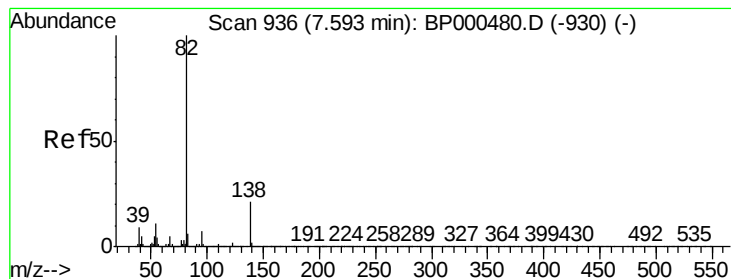
Tgt Ion: 82 Resp: 927591
 Ion Ratio Lower Upper
 82 100
 128 47.8 40.9 61.3
 54 38.6 29.4 44.2



#24
 Nitrobenzene
 Concen: 41.603 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

Tgt Ion: 77 Resp: 602477
 Ion Ratio Lower Upper
 77 100
 123 55.0 44.1 66.1
 65 12.2 9.7 14.5





#25

Isophorone

Concen: 42.293 ng

RT: 7.58 min Scan# 933

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

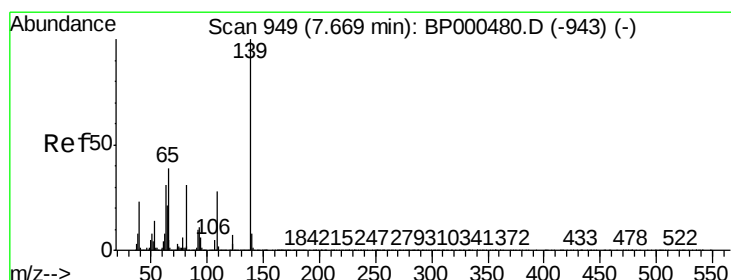
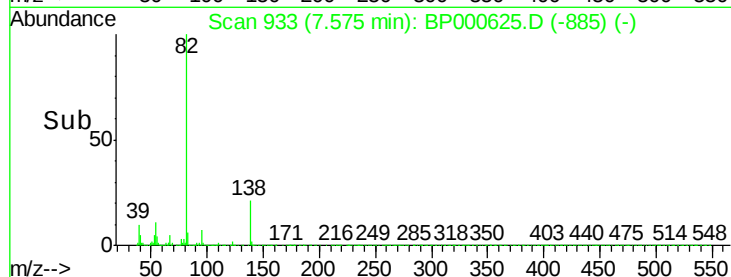
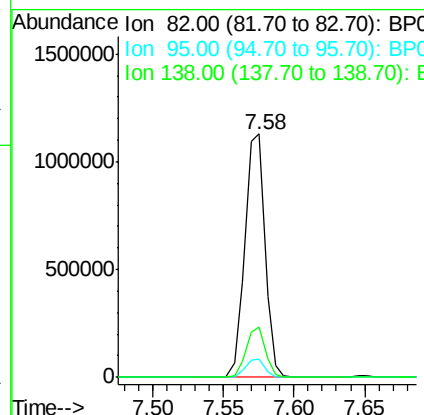
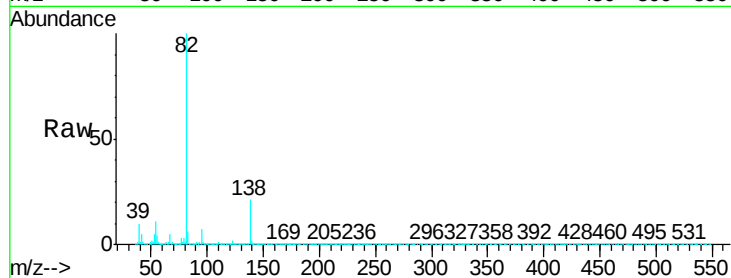
Tgt Ion: 82 Resp: 1127053

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

138 20.7 17.0 25.4



#26

2-Nitrophenol

Concen: 42.806 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

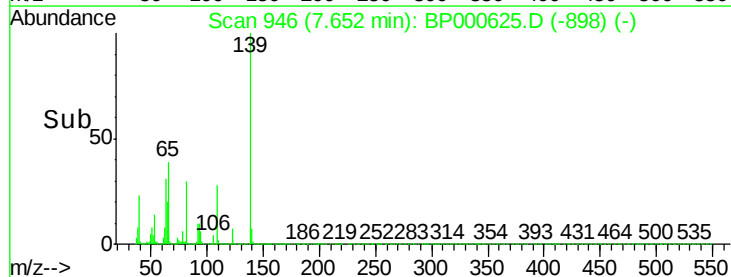
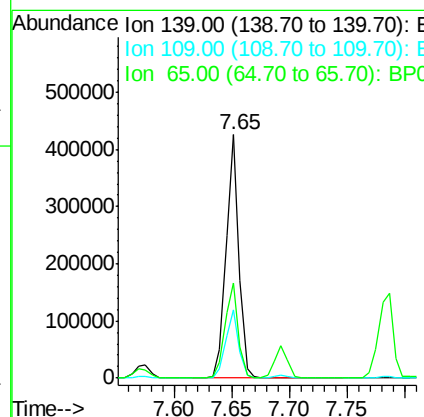
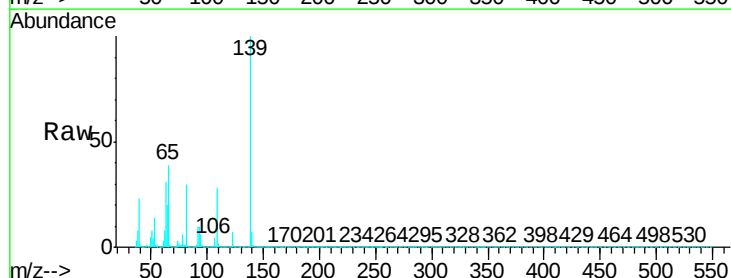
Tgt Ion: 139 Resp: 325988

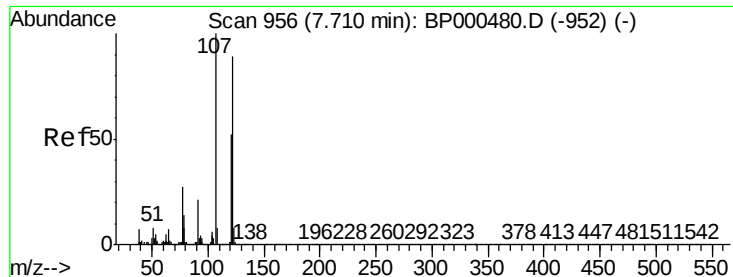
Ion Ratio Lower Upper

139 100

109 27.8 22.8 34.2

65 38.8 31.5 47.3

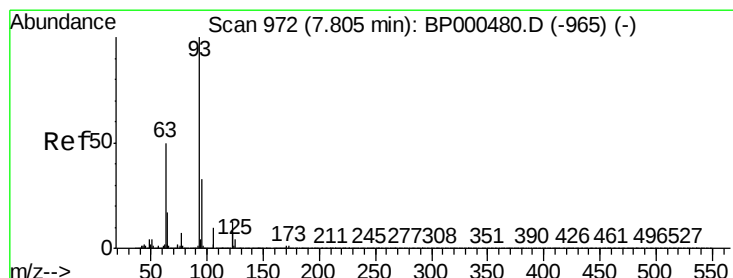
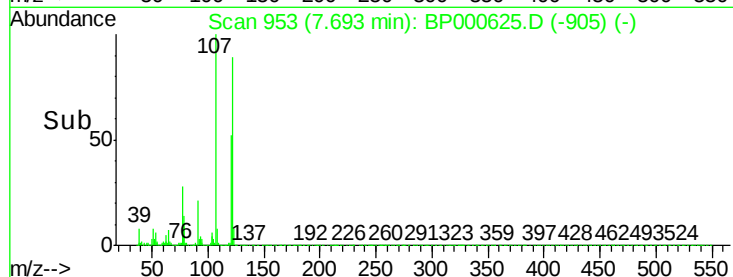
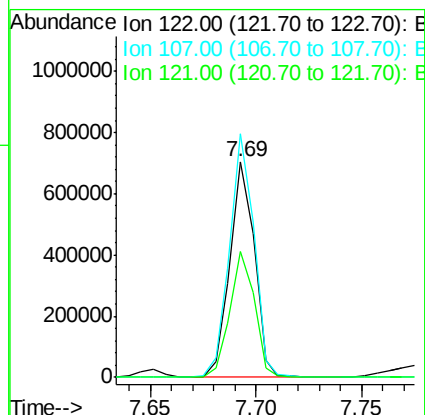
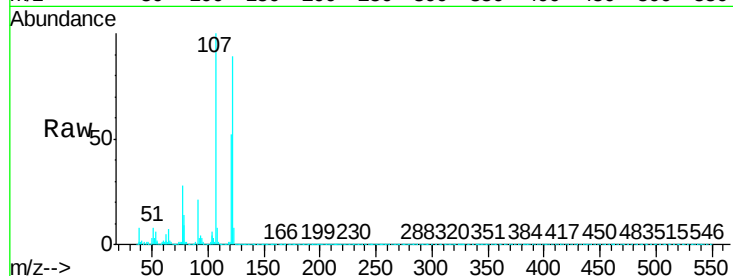




#27
2,4-Dimethylphenol
Concen: 48.517 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

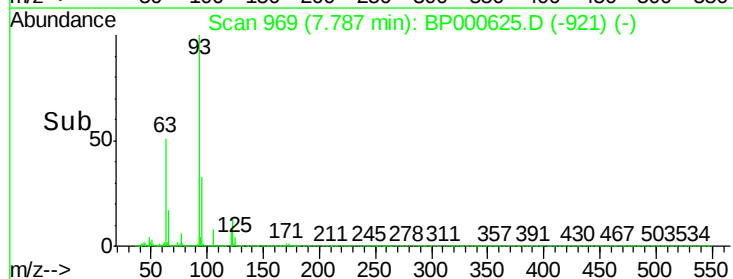
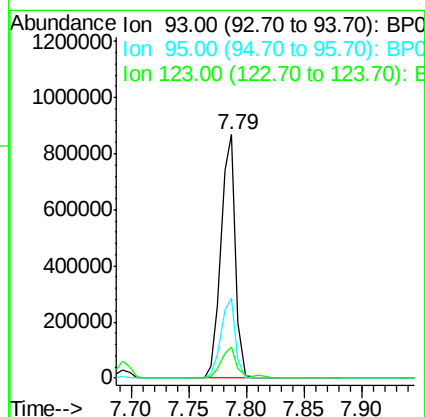
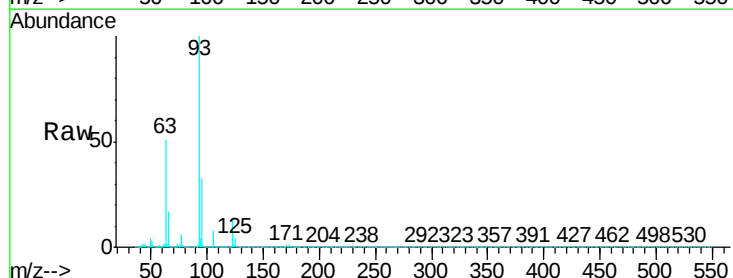
Instrument :
BNA_P
ClientSampleId :
TP-4MS

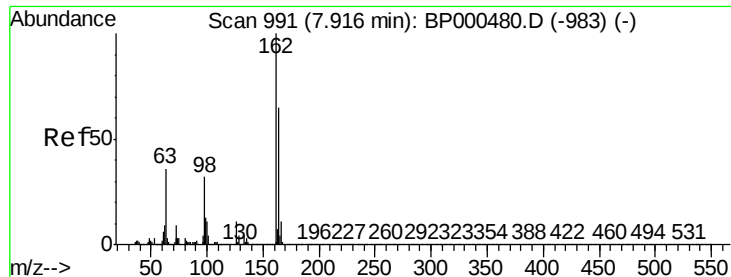
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.0	89.9	134.9
121	58.7	46.6	70.0



#28
bis(2-Chloroethoxy)methane
Concen: 41.312 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	12.8	10.2	15.2

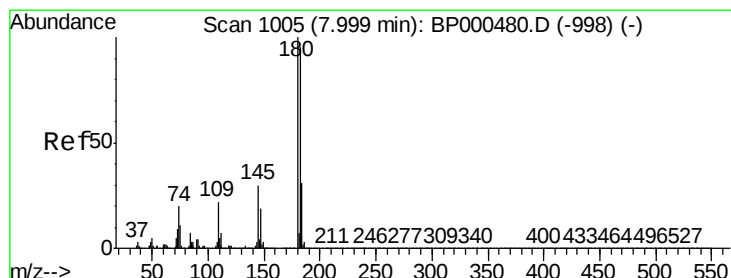
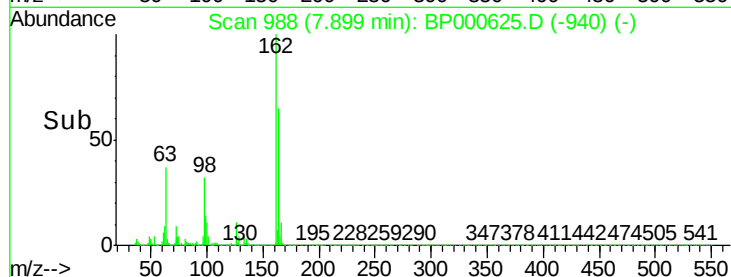
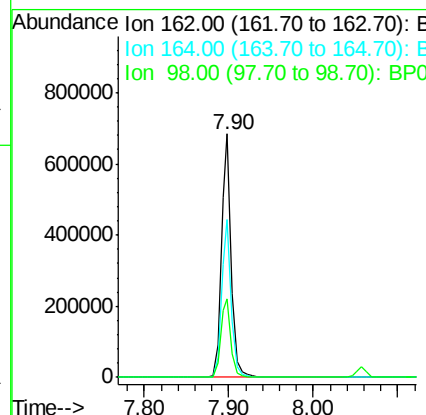
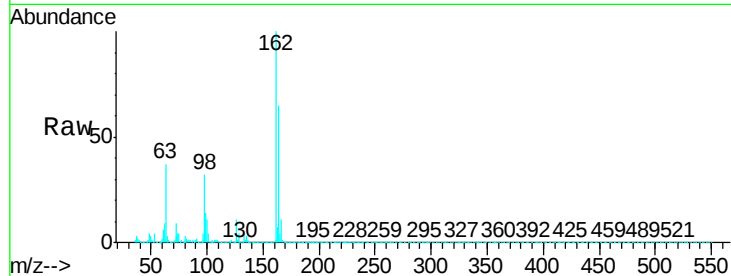




#29
2,4-Dichlorophenol
Concen: 42.889 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

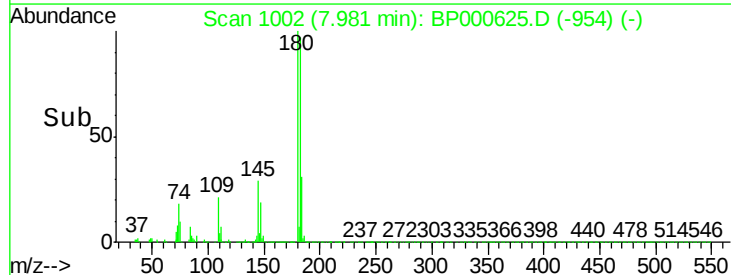
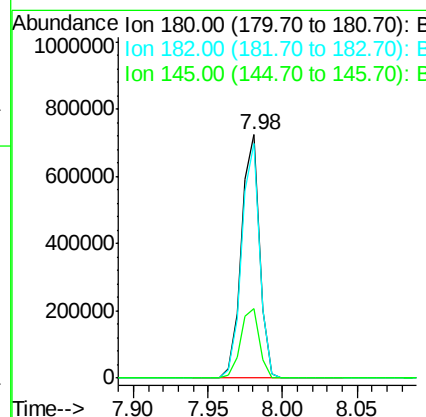
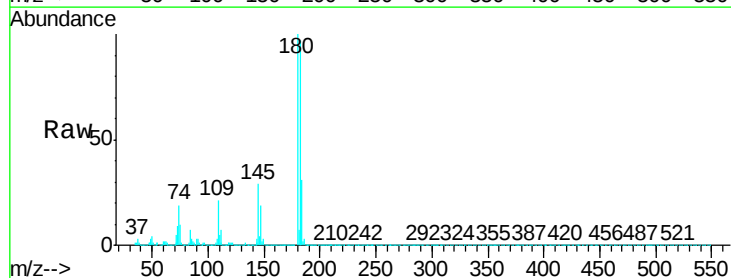
Instrument :
BNA_P
ClientSampleId :
TP-4MS

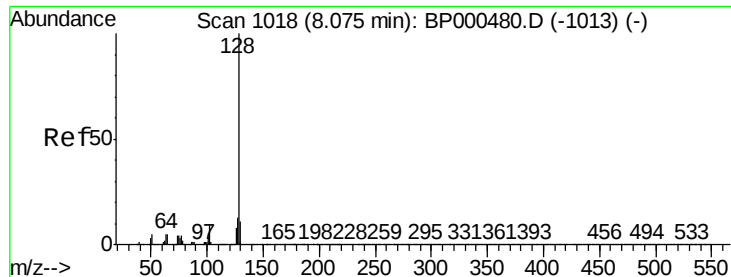
Tgt Ion:162 Resp: 566111
Ion Ratio Lower Upper
162 100
164 65.0 44.6 84.6
98 32.3 11.6 51.6



#30
1,2,4-Trichlorobenzene
Concen: 39.842 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:180 Resp: 617627
Ion Ratio Lower Upper
180 100
182 96.6 76.2 114.4
145 28.8 23.6 35.4





#31

Naphthalene

Concen: 42.291 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

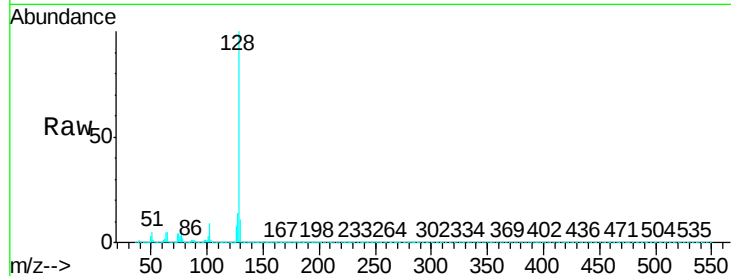
Tgt Ion:128 Resp: 1811270

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

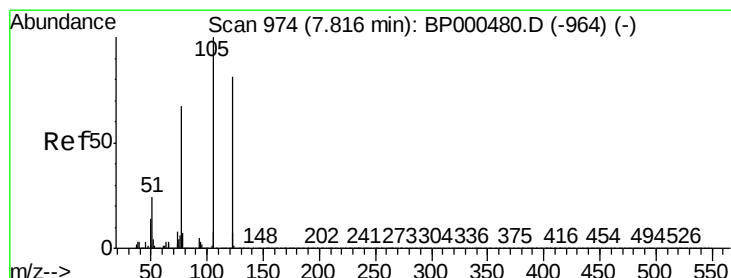
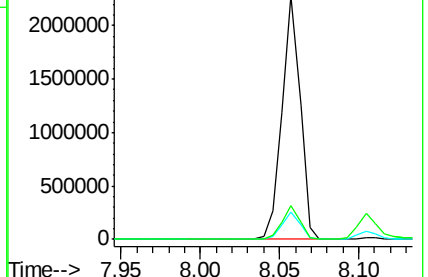
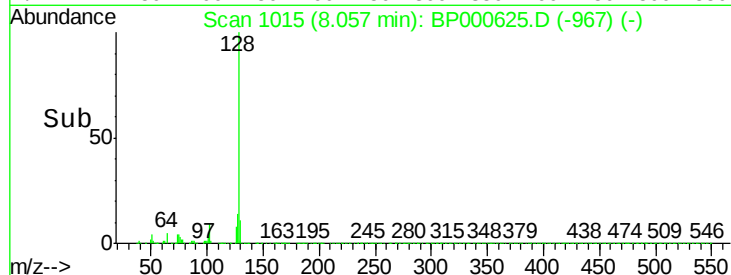
127 13.6 10.5 15.7



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: 39.095 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

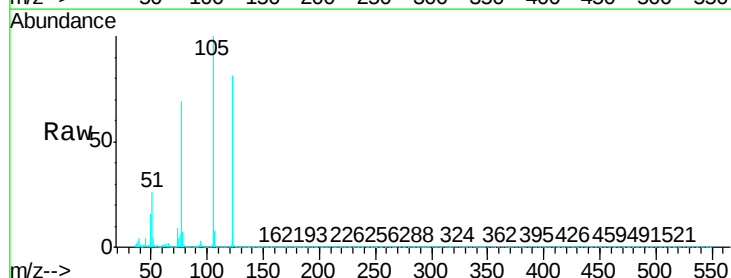
Tgt Ion:122 Resp: 288175

Ion Ratio Lower Upper

122 100

105 123.6 101.4 141.4

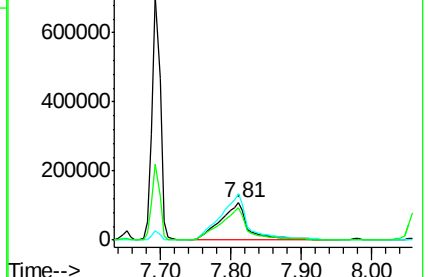
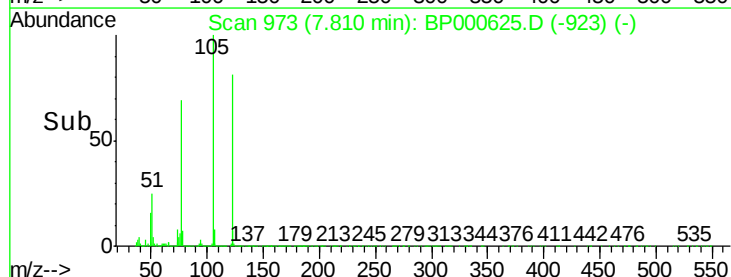
77 85.2 62.1 102.1

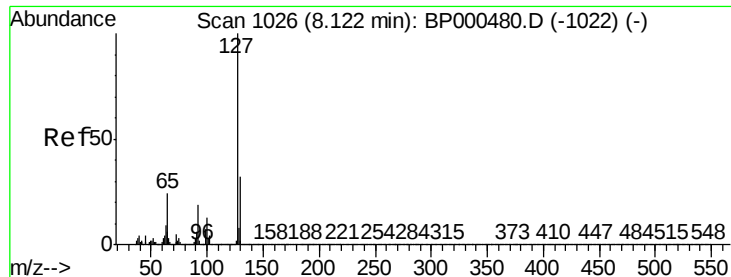


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BP0

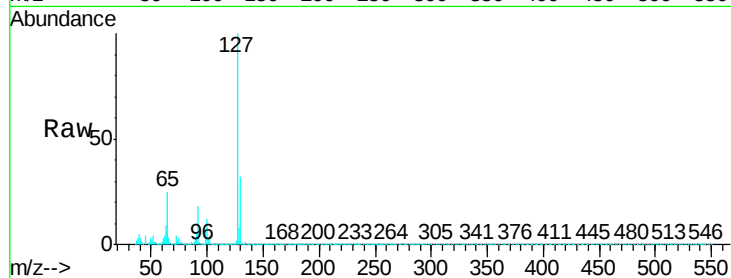




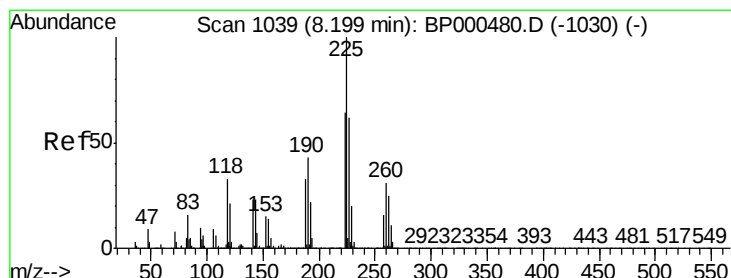
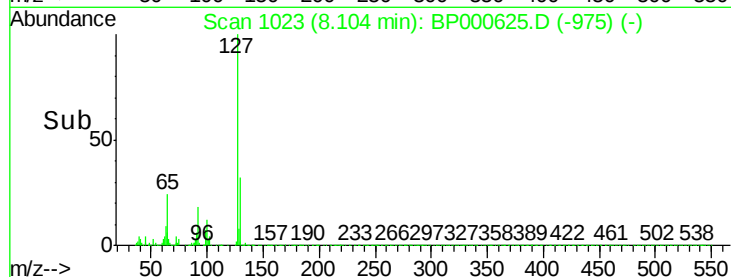
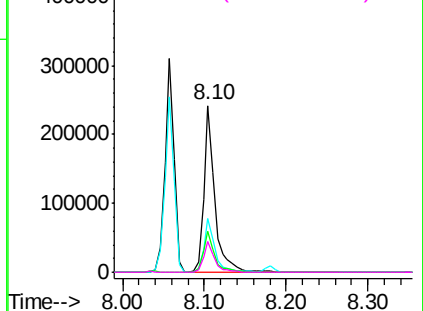
#33
4-Chloroaniline
Concen: 12.027 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Instrument :
BNA_P
ClientSampleId :
TP-4MS

Tgt Ion:	127	Resp:	226164
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.6	38.4
65	24.6	19.2	28.8
92	18.4	14.9	22.3

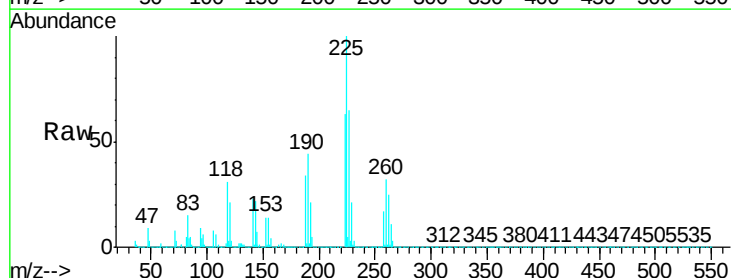


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

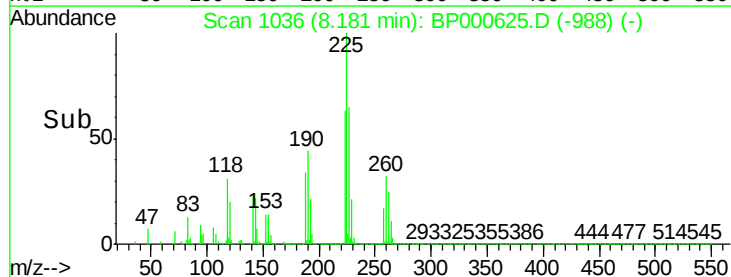
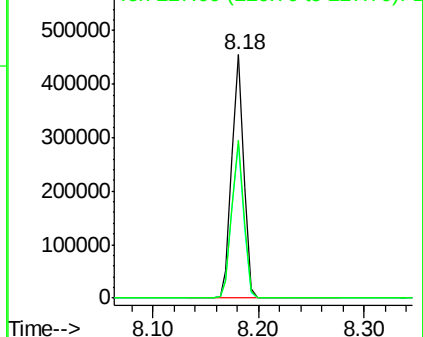


#34
Hexachlorobutadiene
Concen: 37.857 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:	225	Resp:	354657
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.4	77.0
227	64.7	49.7	74.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

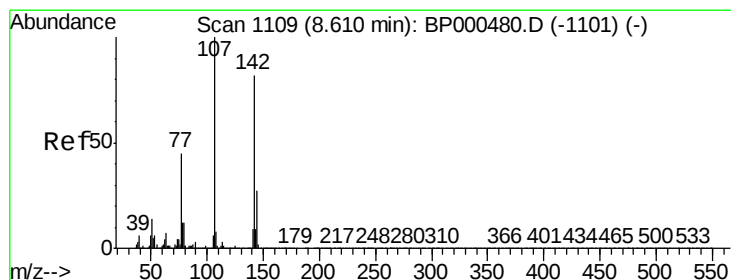
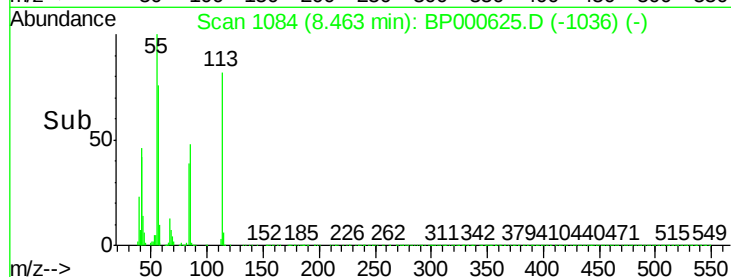
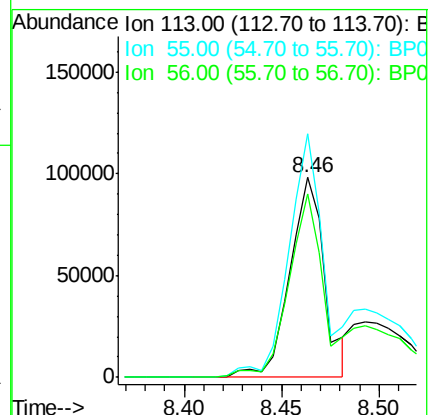
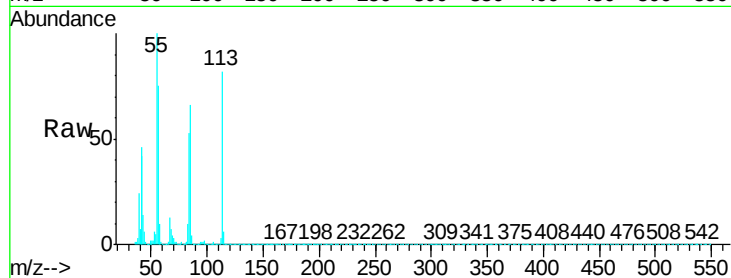




#35
Caprolactam
Concen: 27.240 ng
RT: 8.46 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

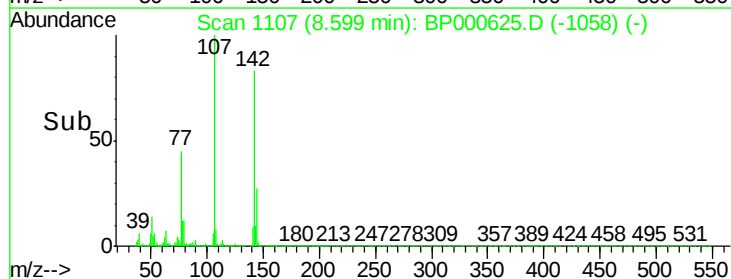
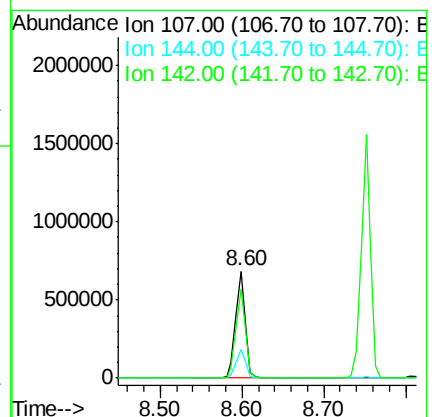
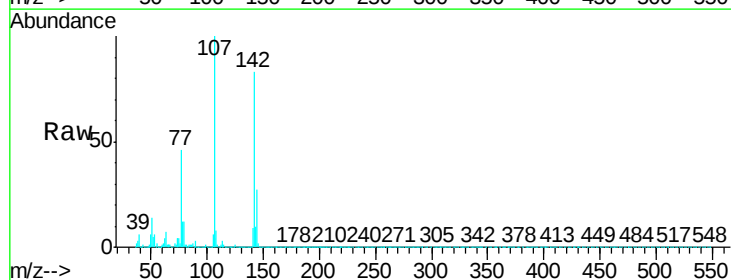
Instrument :
BNA_P
ClientSampleId :
TP-4MS

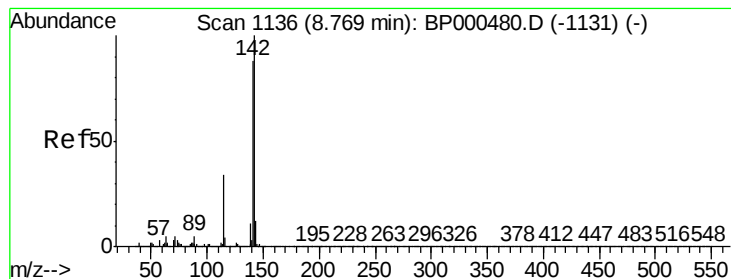
Tgt Ion:113 Resp: 120429
Ion Ratio Lower Upper
113 100
55 122.0 95.9 135.9
56 92.0 67.2 107.2



#36
4-Chloro-3-methylphenol
Concen: 42.559 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:107 Resp: 550187
Ion Ratio Lower Upper
107 100
144 27.0 21.8 32.8
142 82.9 65.5 98.3





#37

2-Methylnaphthalene

Concen: 43.185 ng

RT: 8.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

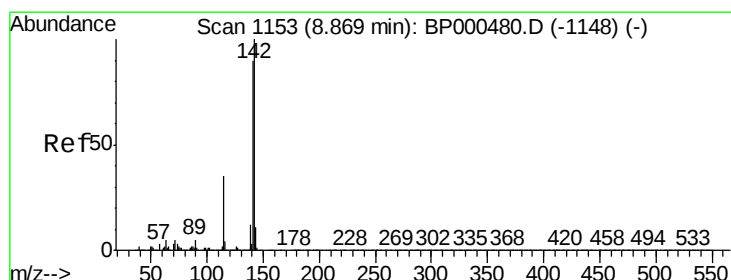
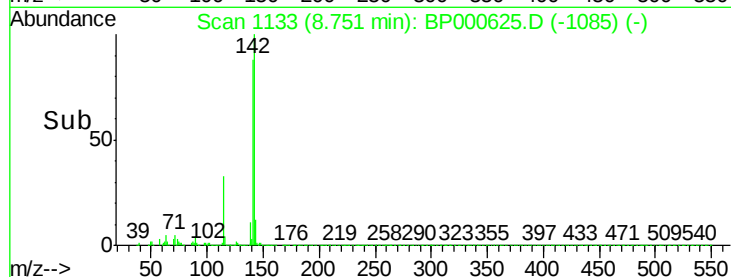
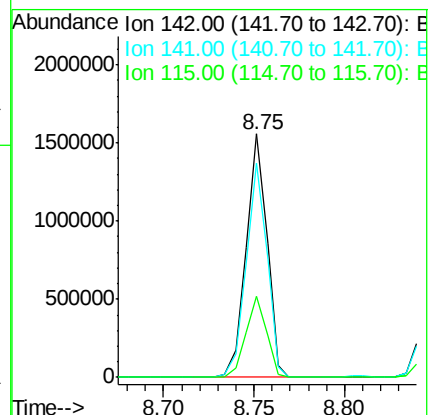
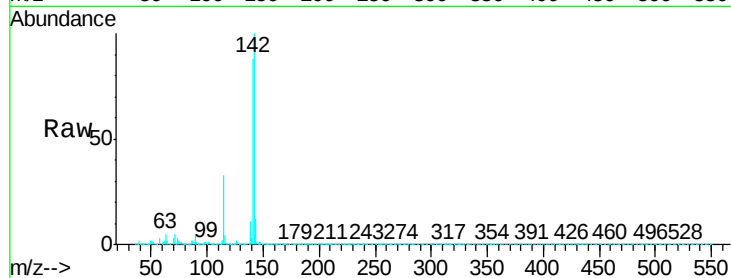
Tgt Ion:142 Resp: 1241628

Ion Ratio Lower Upper

142 100

141 88.1 70.6 106.0

115 33.5 27.4 41.0



#38

1-Methylnaphthalene

Concen: 42.869 ng

RT: 8.85 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

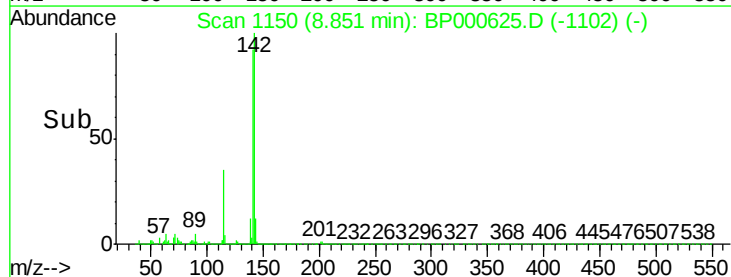
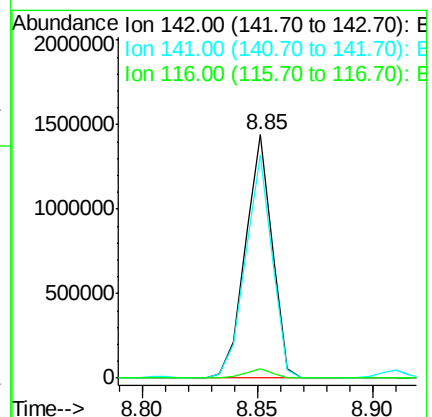
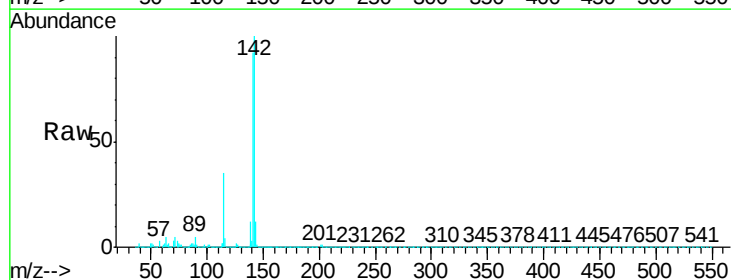
Tgt Ion:142 Resp: 1164621

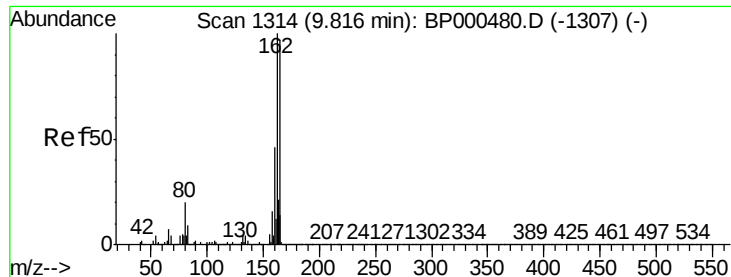
Ion Ratio Lower Upper

142 100

141 91.8 71.9 107.9

116 3.7 3.0 4.4

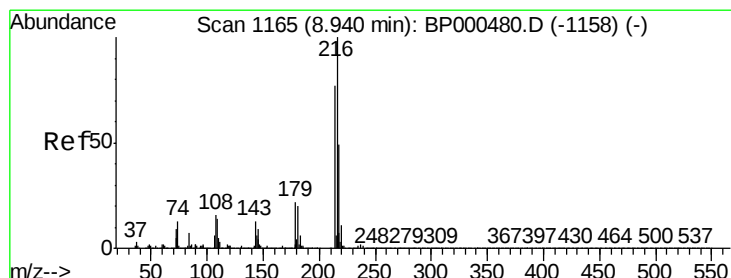
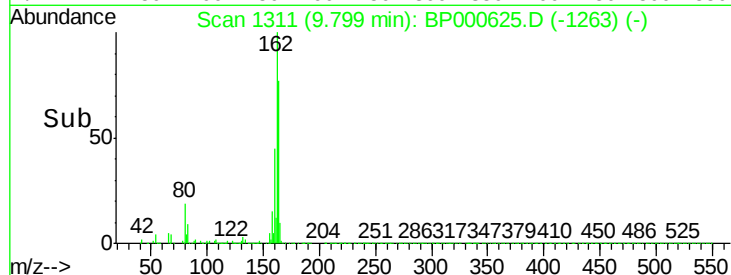
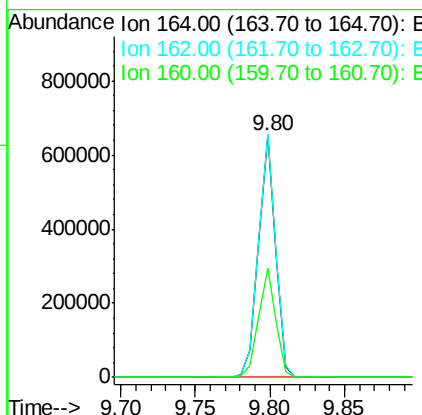
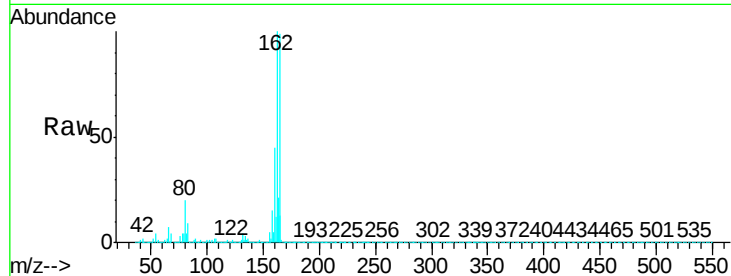




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

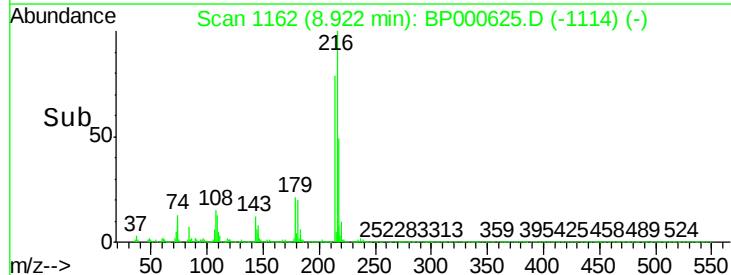
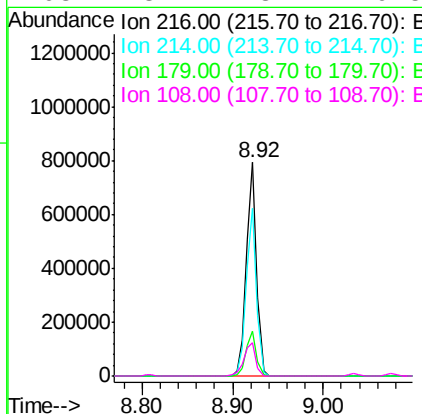
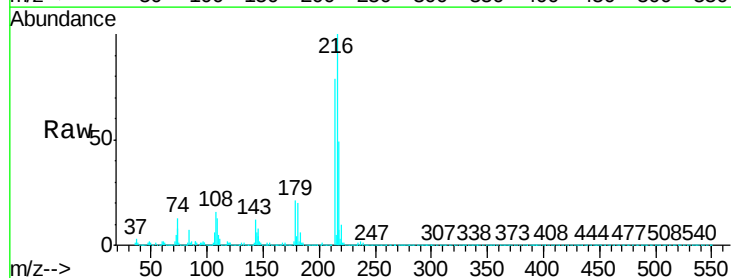
Instrument :
BNA_P
ClientSampleId :
TP-4MS

Tgt Ion:164 Resp: 510143
Ion Ratio Lower Upper
164 100
162 100.7 82.2 123.2
160 45.0 37.6 56.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.533 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:216 Resp: 622189
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 20.8 16.7 25.1
108 18.1 13.7 20.5





#41

Hexachlorocyclopentadiene

Concen: 47.579 ng

RT: 8.91 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

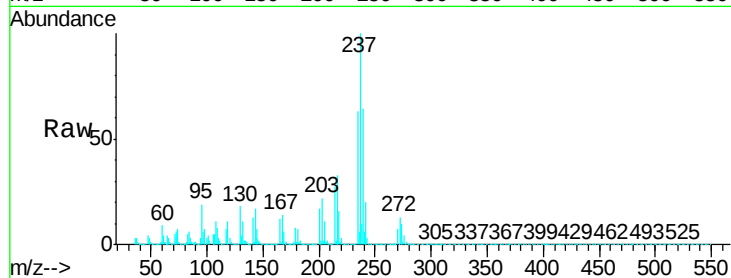
Tgt Ion: 237 Resp: 286477

Ion Ratio Lower Upper

237 100

235 63.3 42.9 82.9

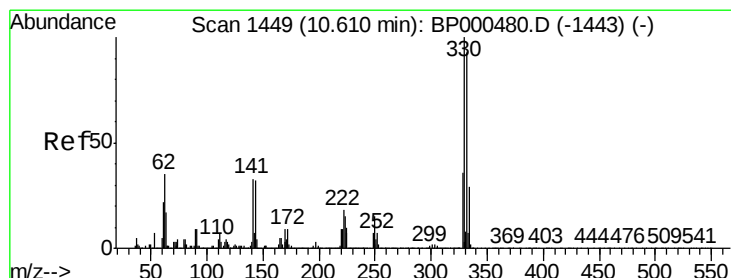
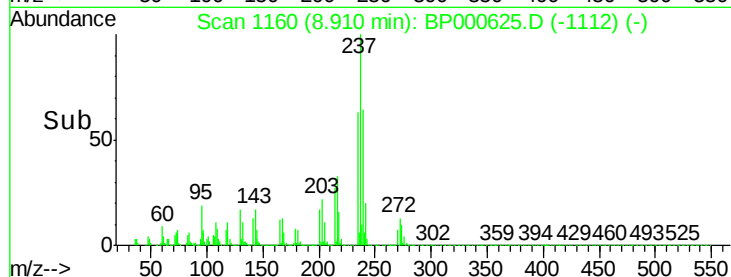
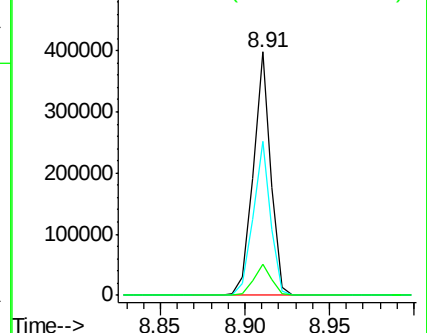
272 13.0 0.0 32.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 85.303 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

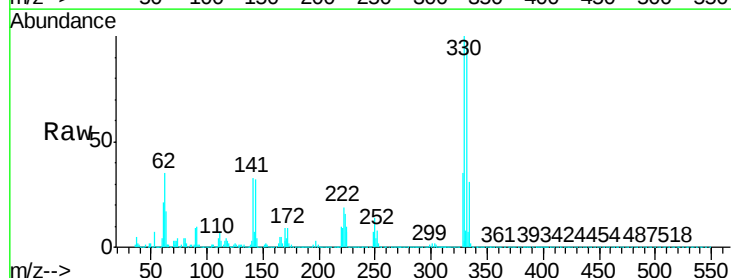
Tgt Ion: 330 Resp: 463724

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

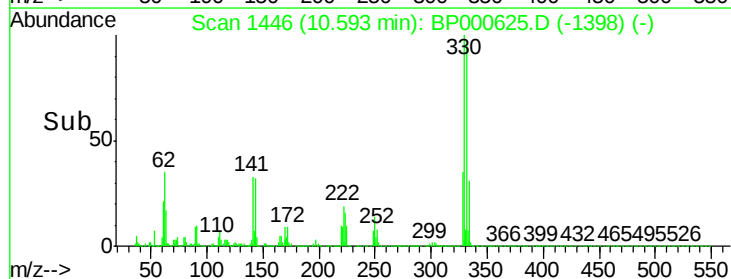
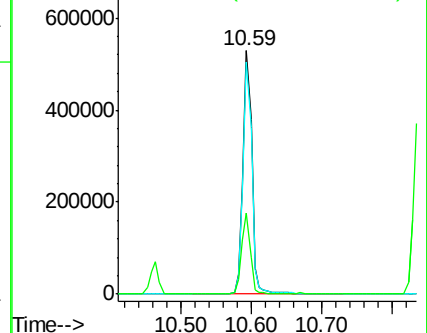
141 32.5 26.0 39.0

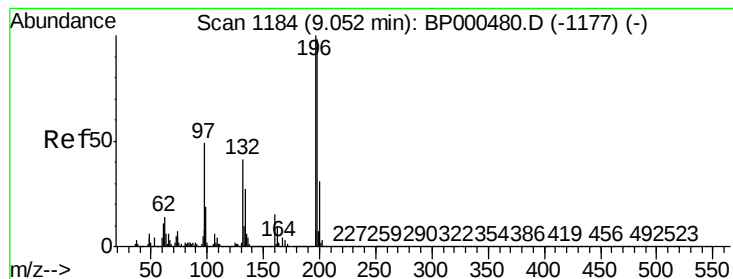


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 39.380 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

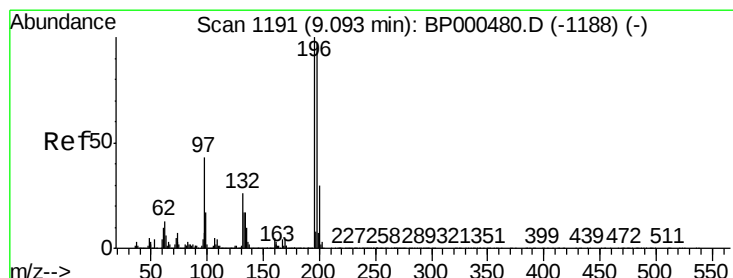
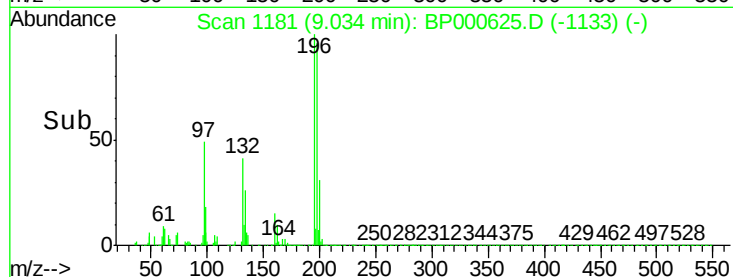
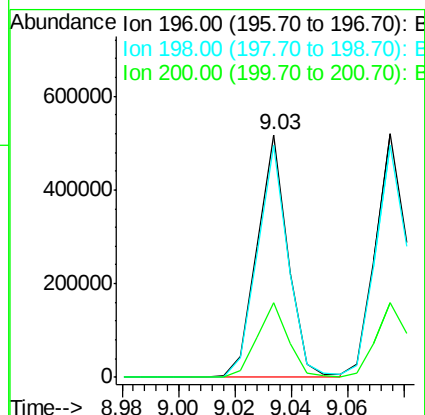
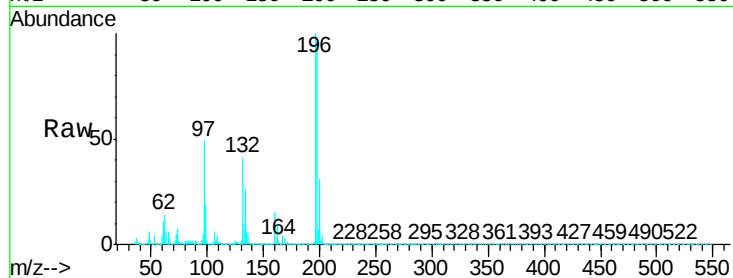
Tgt Ion:196 Resp: 391420

Ion Ratio Lower Upper

196 100

198 95.6 78.2 117.2

200 30.9 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 41.221 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Tgt Ion:196 Resp: 423029

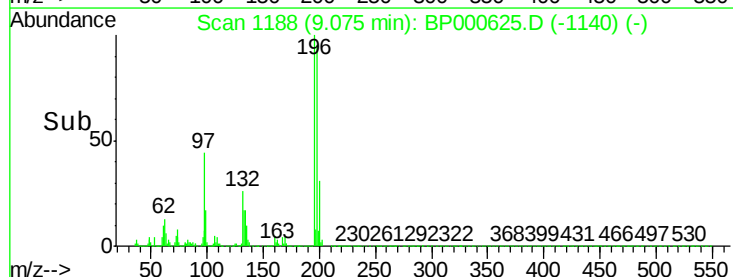
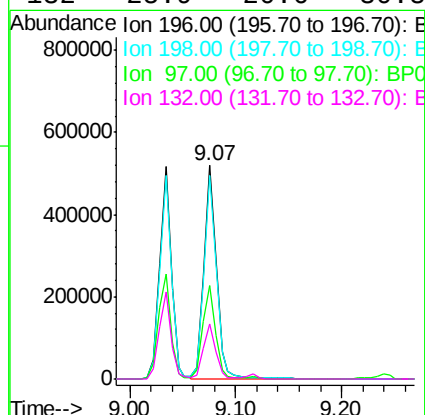
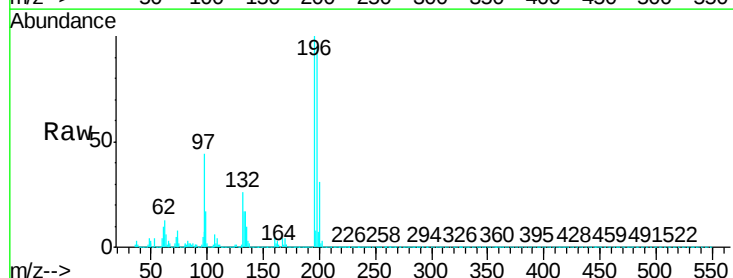
Ion Ratio Lower Upper

196 100

198 95.3 77.4 116.0

97 43.8 34.6 51.8

132 25.9 20.6 30.8

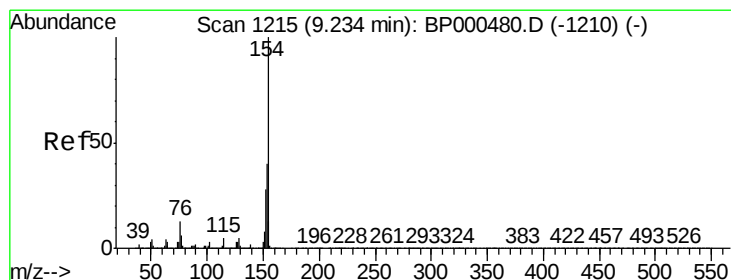
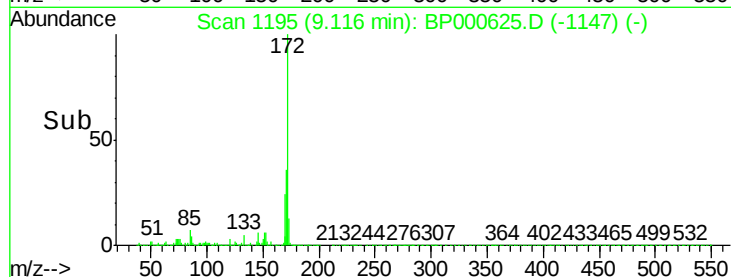
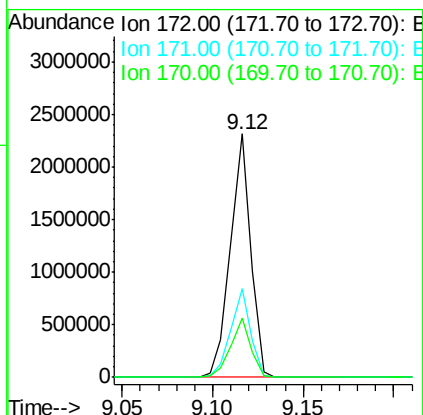
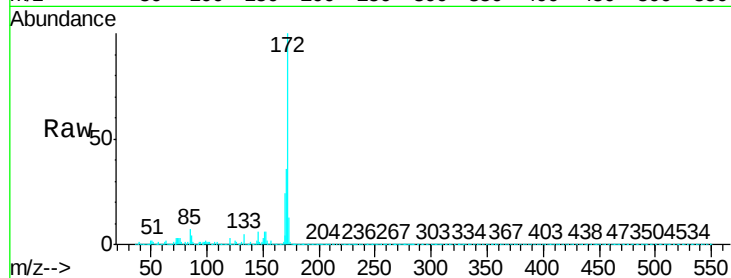




#45
2-Fluorobiphenyl
Concen: 57.842 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

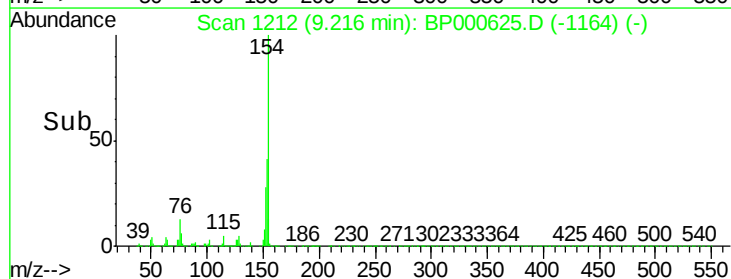
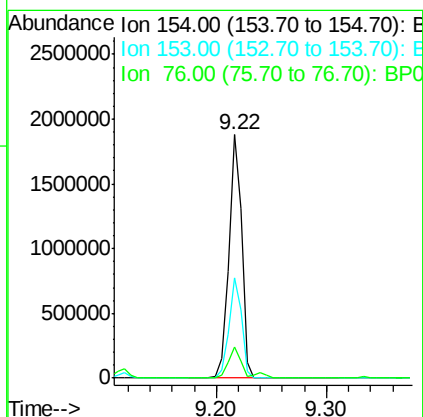
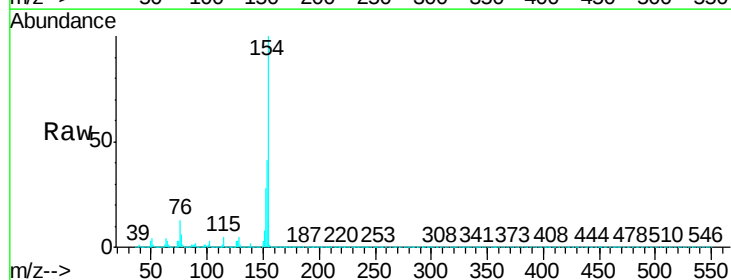
Instrument :
BNA_P
ClientSampleId :
TP-4MS

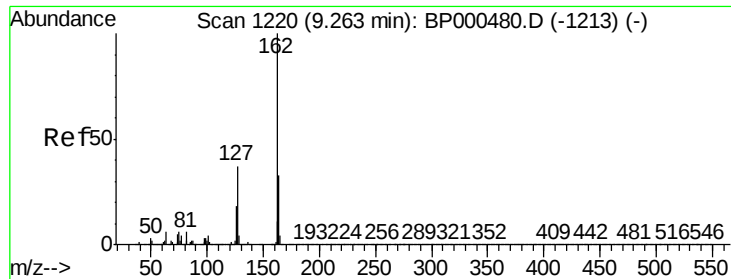
Tgt Ion:172 Resp: 1823704
Ion Ratio Lower Upper
172 100
171 36.4 28.4 42.6
170 24.3 19.1 28.7



#46
1,1'-Biphenyl
Concen: 39.580 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:154 Resp: 1524101
Ion Ratio Lower Upper
154 100
153 41.0 19.9 59.9
76 12.7 0.0 32.8

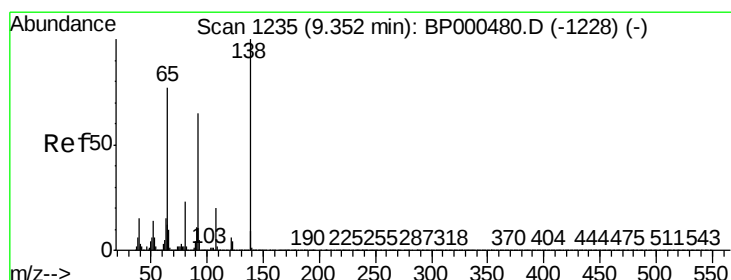
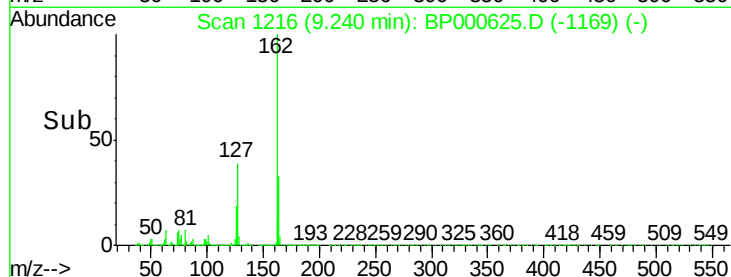
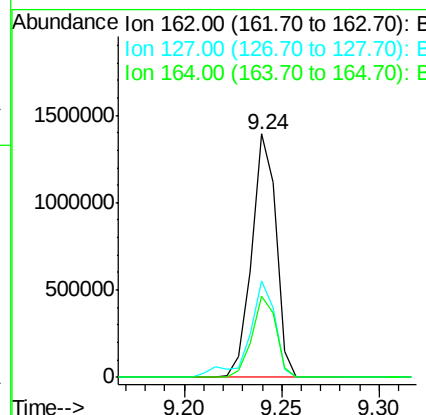
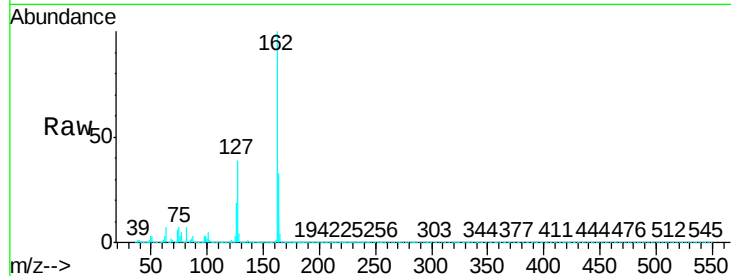




#47
2-Chloronaphthalene
Concen: 40.332 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

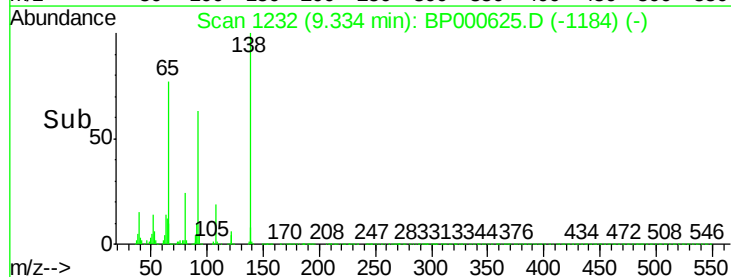
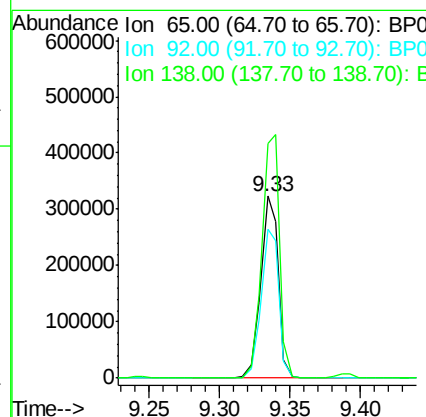
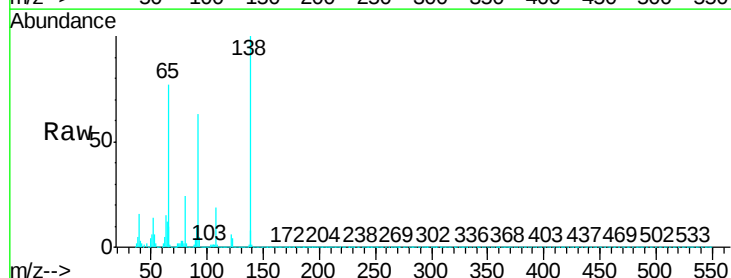
Instrument :
BNA_P
ClientSampleId :
TP-4MS

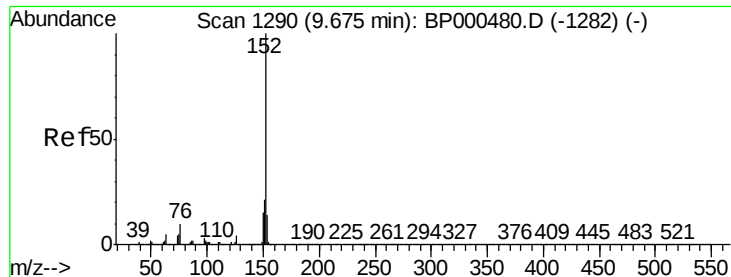
Tgt Ion: 162 Resp: 1200925
Ion Ratio Lower Upper
162 100
127 39.3 29.8 44.6
164 33.2 26.6 39.8



#48
2-Nitroaniline
Concen: 39.195 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion: 65 Resp: 282548
Ion Ratio Lower Upper
65 100
92 81.6 67.0 100.4
138 129.2 103.5 155.3





#49

Acenaphthylene

Concen: 41.353 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

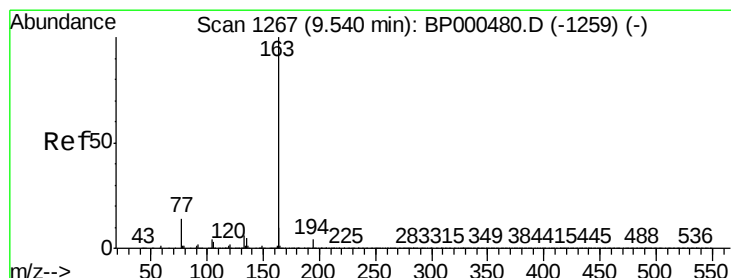
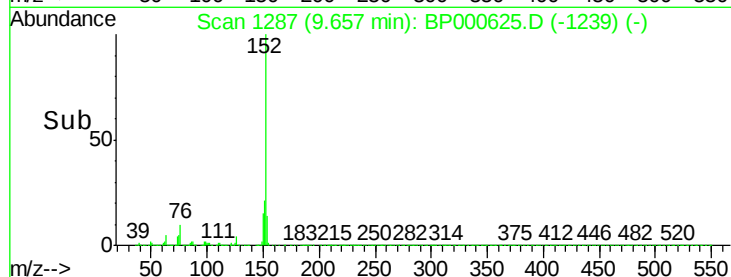
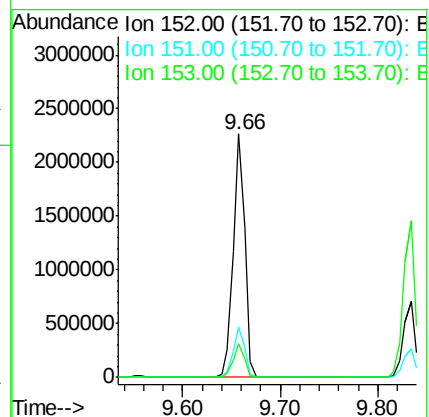
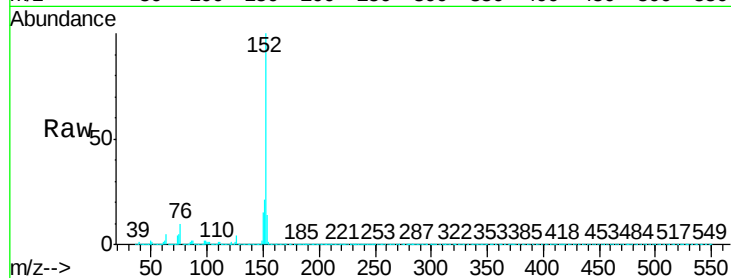
Tgt Ion:152 Resp: 1857684

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.8	11.0	16.6

152 100

151 20.6 16.6 25.0

153 13.8 11.0 16.6



#50

Dimethylphthalate

Concen: 45.771 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

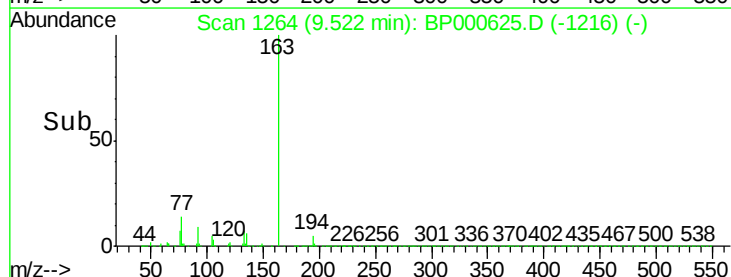
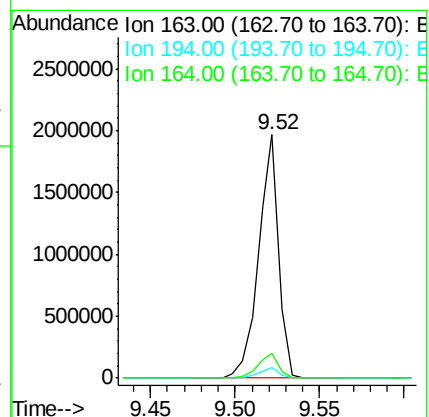
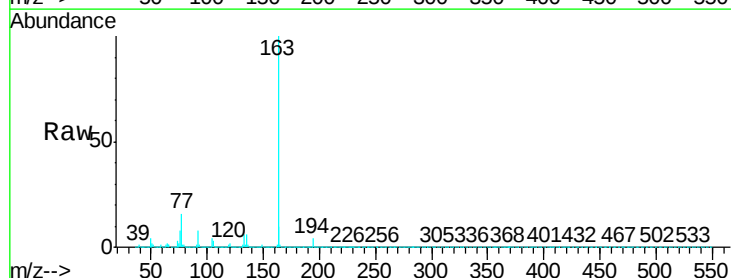
Tgt Ion:163 Resp: 1622466

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.3	8.0	12.0

163 100

194 4.5 3.4 5.2

164 10.3 8.0 12.0

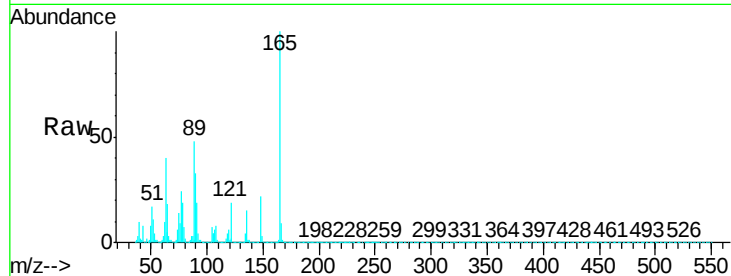




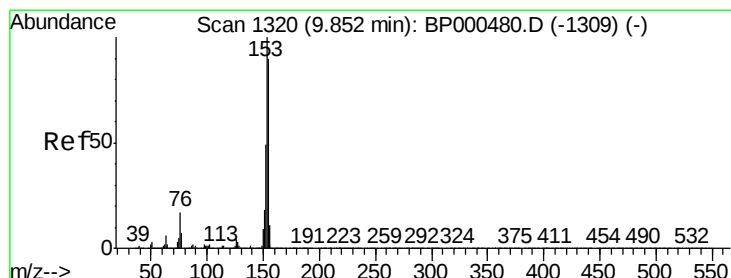
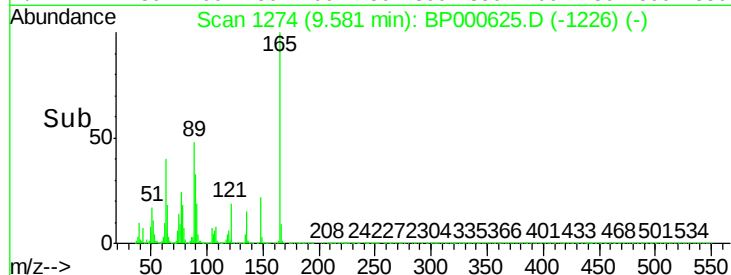
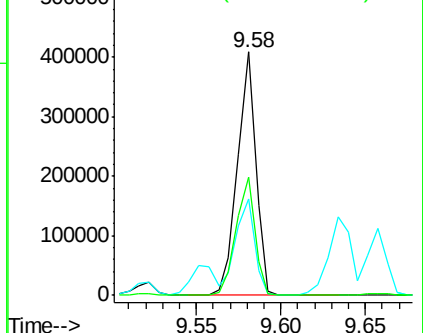
#51
2,6-Dinitrotoluene
Concen: 40.000 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Instrument :
BNA_P
ClientSampleId :
TP-4MS

Tgt Ion:165 Resp: 309201
Ion Ratio Lower Upper
165 100
63 39.7 29.9 44.9
89 48.3 37.3 55.9

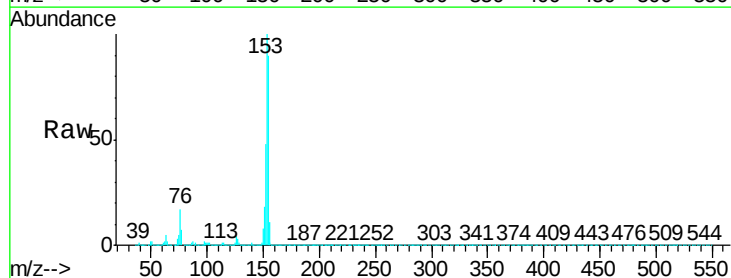


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0

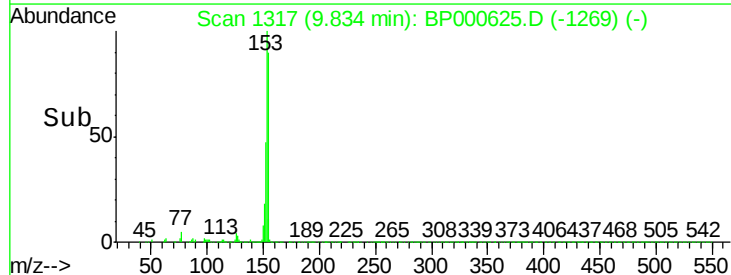
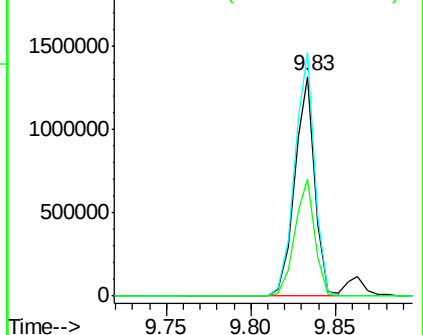


#52
Acenaphthene
Concen: 40.080 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:154 Resp: 1092190
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 53.6 43.8 65.8



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

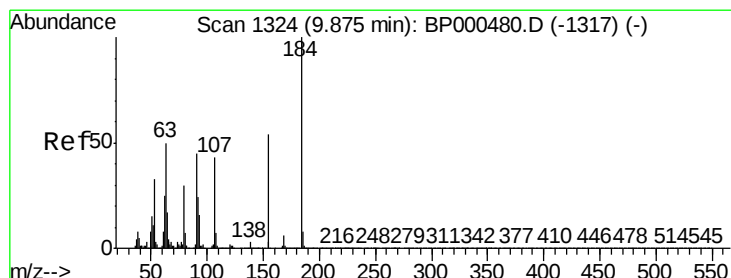
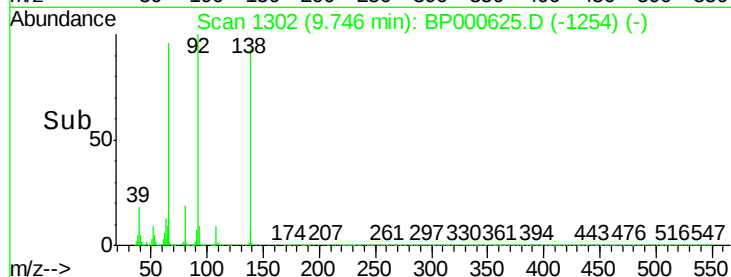
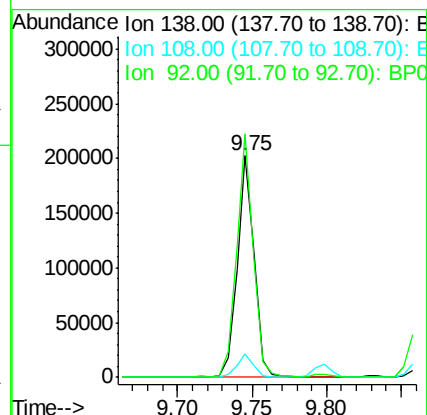
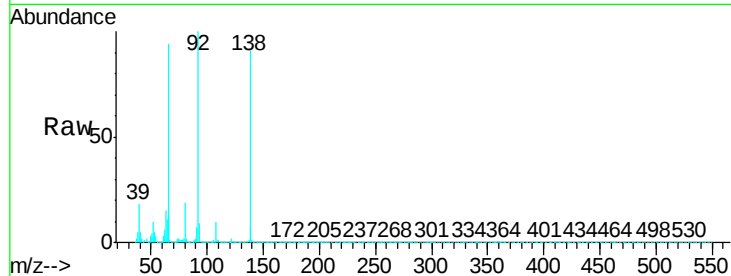




#53
3-Nitroaniline
Concen: 18.207 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

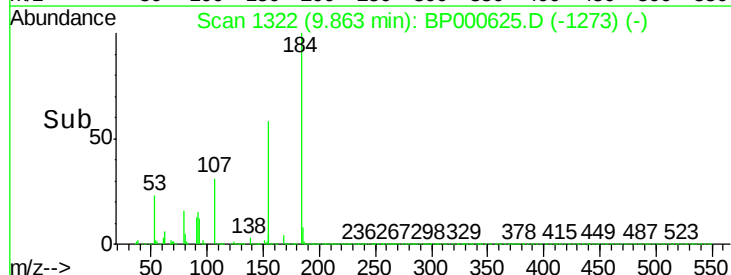
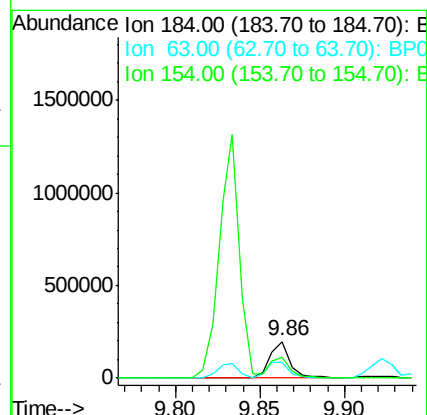
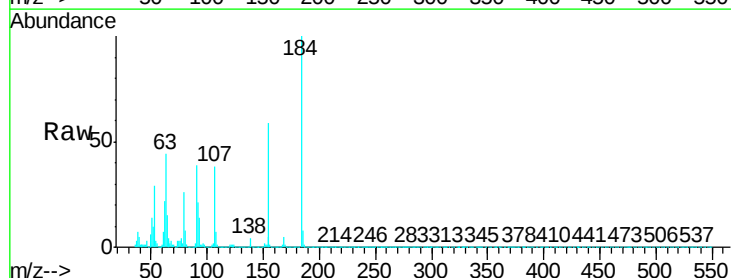
Instrument :
BNA_P
ClientSampleId :
TP-4MS

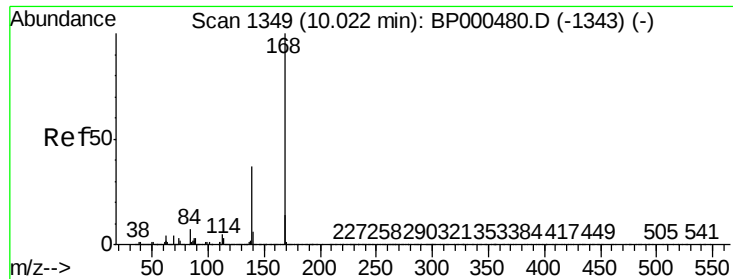
Tgt Ion:138 Resp: 161262
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 109.9 90.4 135.6



#54
2,4-Dinitrophenol
Concen: 64.369 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:184 Resp: 166035
Ion Ratio Lower Upper
184 100
63 44.4 41.0 61.4
154 58.5 49.8 74.8





#55

Dibenzofuran

Concen: 41.214 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

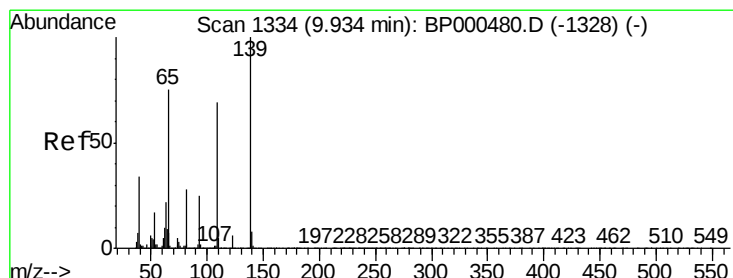
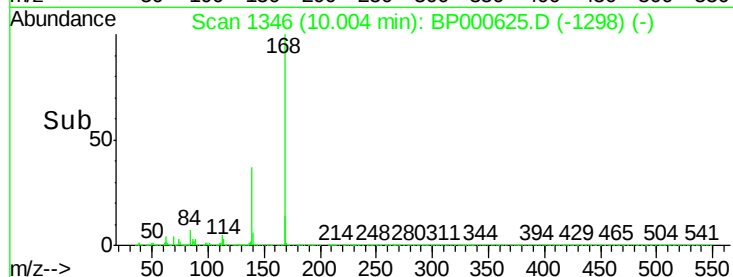
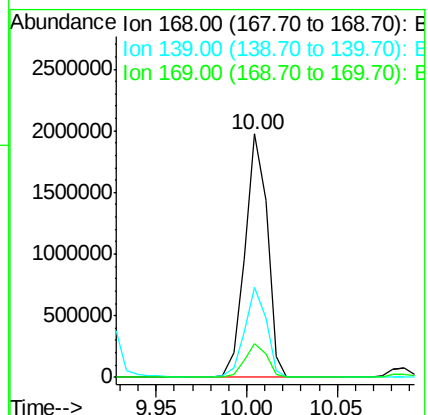
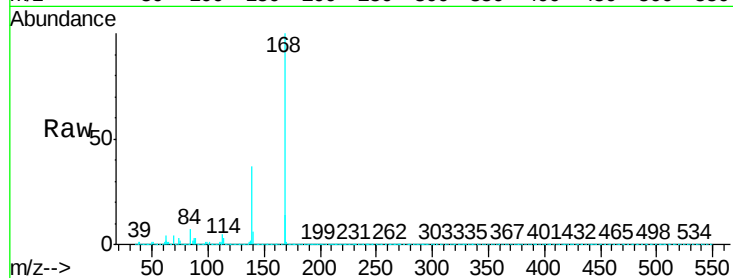
Tgt Ion:168 Resp: 1678860

Ion Ratio Lower Upper

168 100

139 37.2 29.5 44.3

169 13.6 11.1 16.7



#56

4-Nitrophenol

Concen: 79.462 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

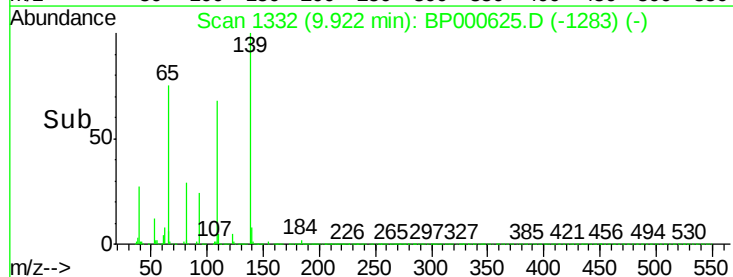
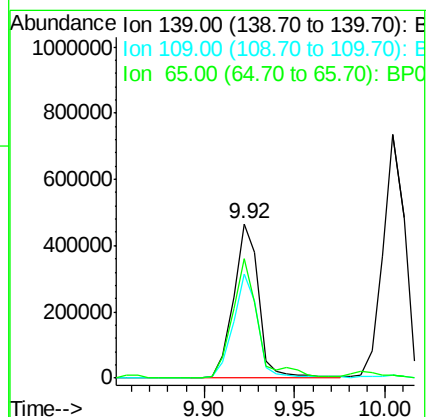
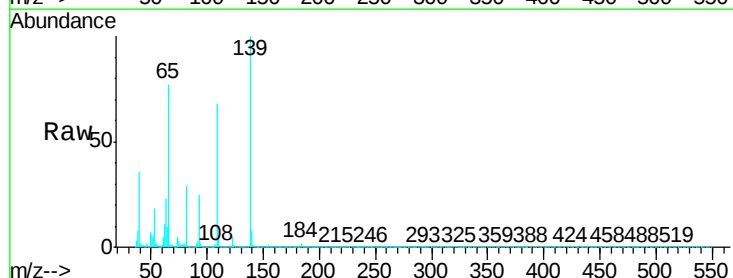
Tgt Ion:139 Resp: 449345

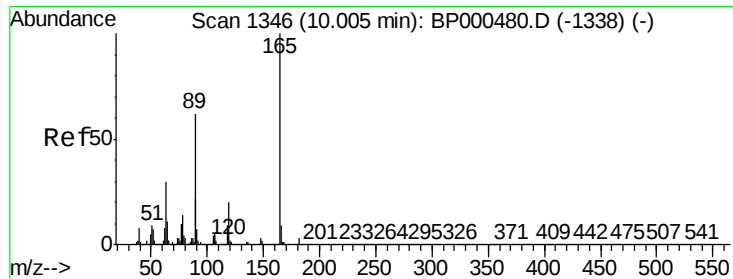
Ion Ratio Lower Upper

139 100

109 67.8 48.6 88.6

65 77.0 55.3 95.3

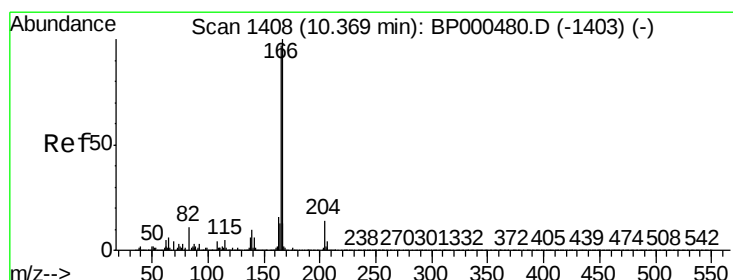
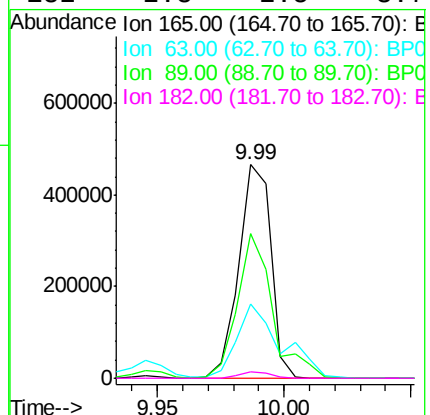
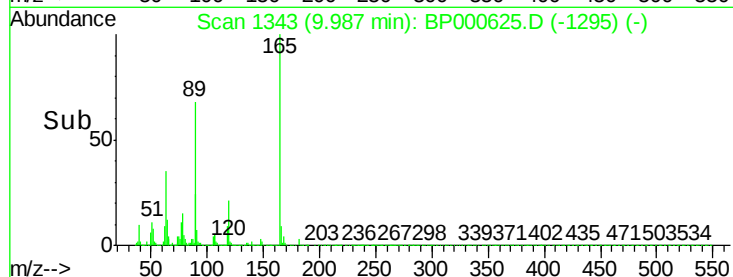
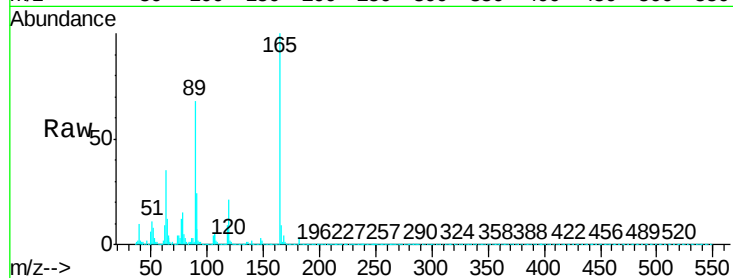




#57
2,4-Dinitrotoluene
Concen: 39.872 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

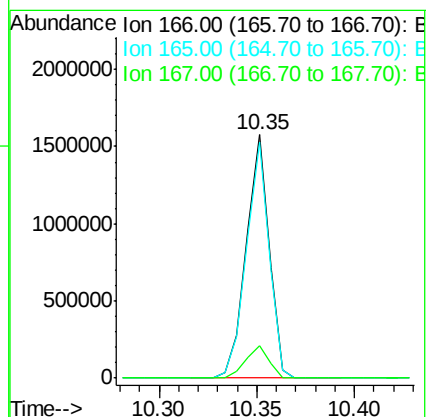
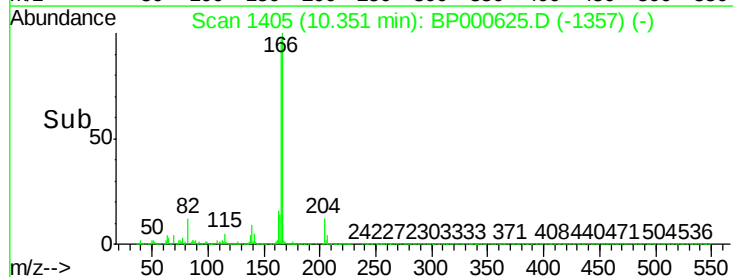
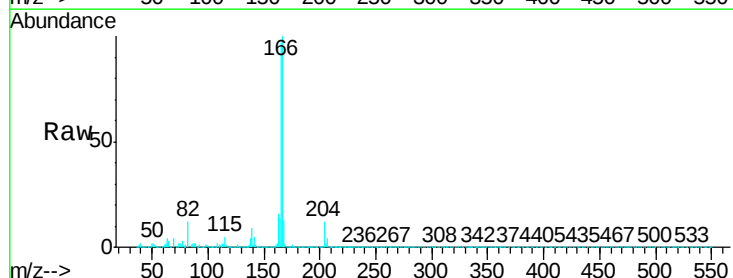
Instrument :
BNA_P
ClientSampleId :
TP-4MS

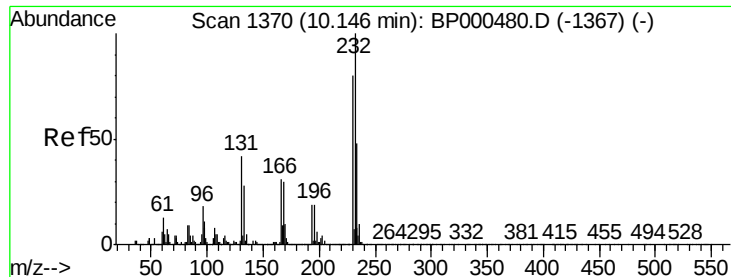
Tgt Ion:	165	Resp:	408660
Ion	Ratio	Lower	Upper
165	100		
63	34.6	24.2	36.4
89	67.8	49.4	74.0
182	2.8	2.5	3.7



#58
Fluorene
Concen: 44.122 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:	166	Resp:	1280967
Ion	Ratio	Lower	Upper
166	100		
165	96.7	77.3	115.9
167	13.5	10.6	16.0

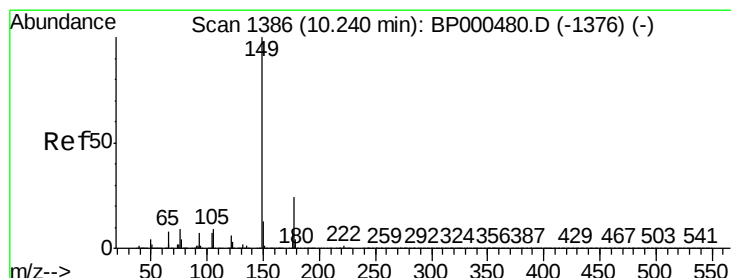
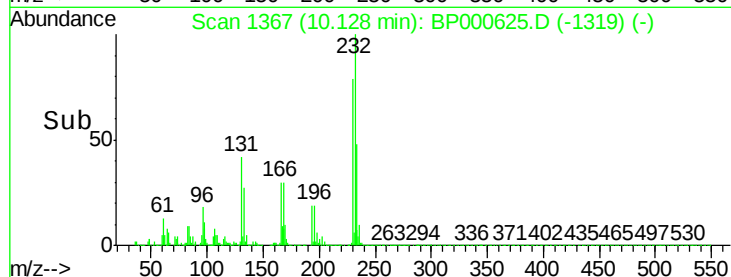
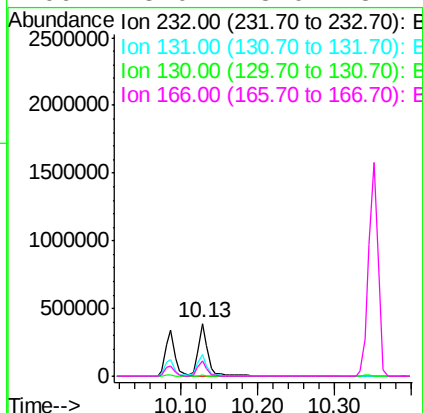
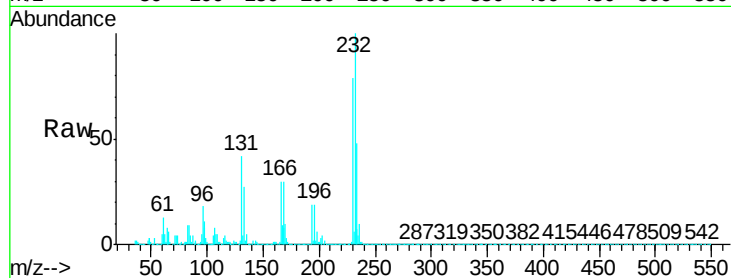




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.810 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

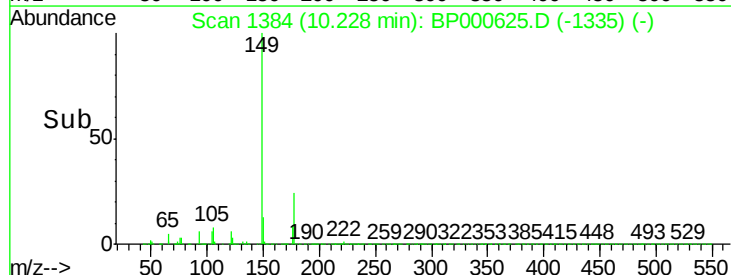
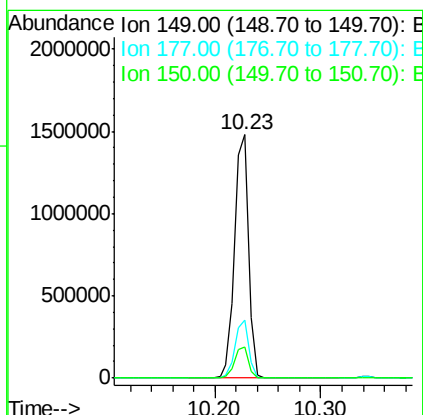
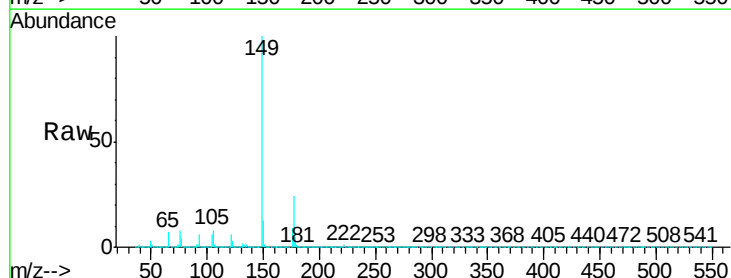
Instrument :
BNA_P
ClientSampleId :
TP-4MS

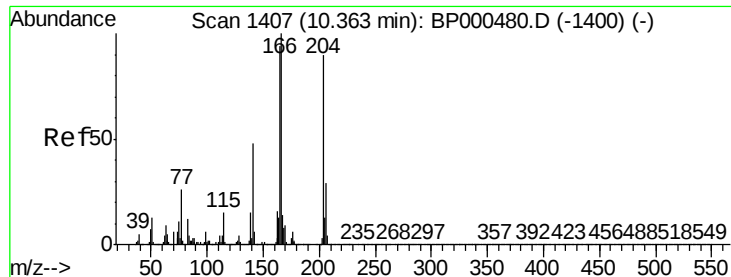
Tgt Ion:	232	Resp:	345359
Ion	Ratio	Lower	Upper
232	100		
131	39.8	32.1	48.1
130	2.0	1.6	2.4
166	28.0	23.0	34.4



#60
Diethylphthalate
Concen: 39.607 ng
RT: 10.23 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:	149	Resp:	1332751
Ion	Ratio	Lower	Upper
149	100		
177	24.0	19.0	28.6
150	12.6	10.8	16.2

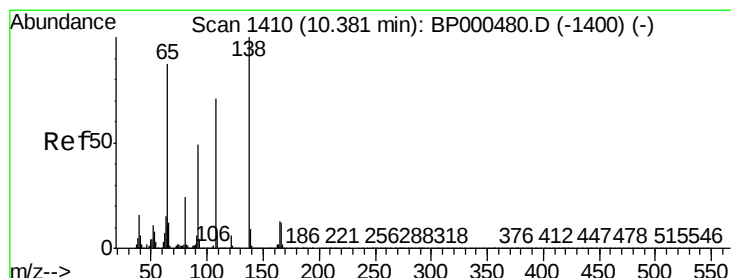
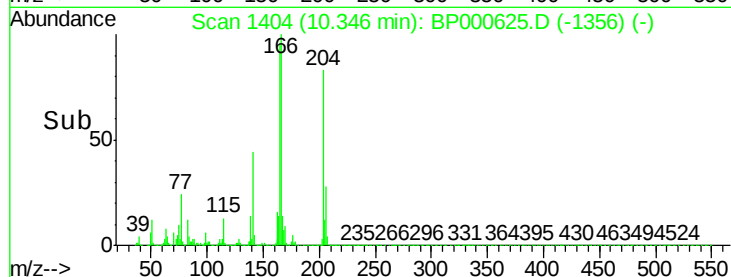
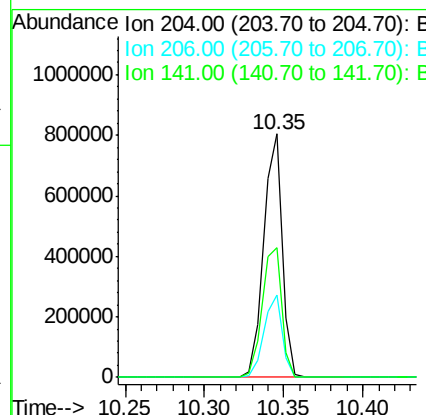
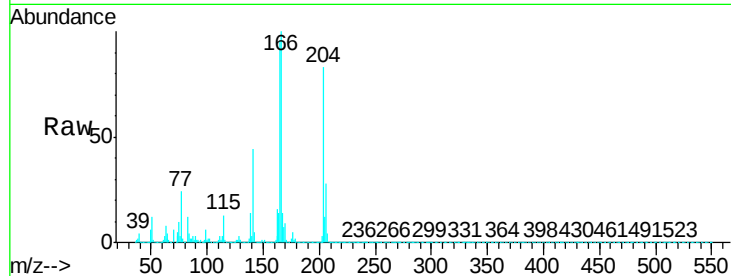




#61
4-Chlorophenyl-phenylether
Concen: 42.134 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

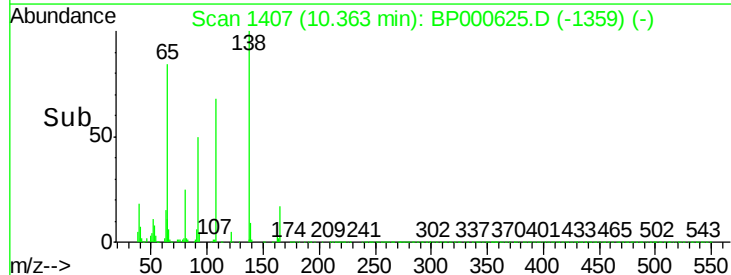
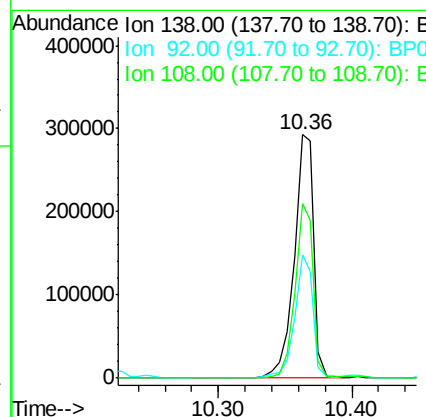
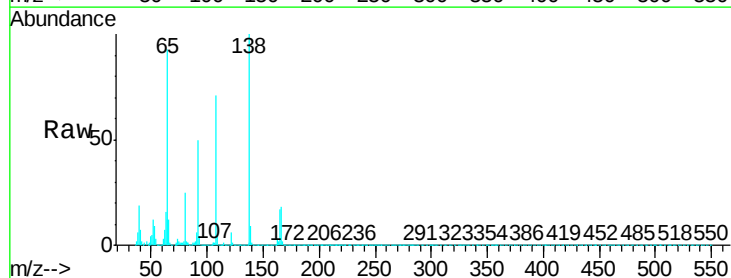
Instrument :
BNA_P
ClientSampled :
TP-4MS

Tgt Ion: 204 Resp: 657783
Ion Ratio Lower Upper
204 100
206 33.6 25.8 38.8
141 53.1 42.8 64.2



#62
4-Nitroaniline
Concen: 34.997 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion: 138 Resp: 298121
Ion Ratio Lower Upper
138 100
92 50.4 28.7 68.7
108 71.4 50.6 90.6

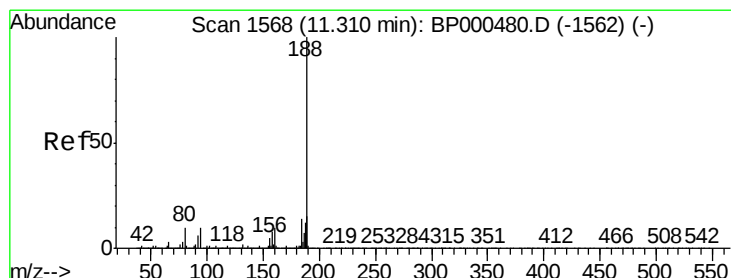
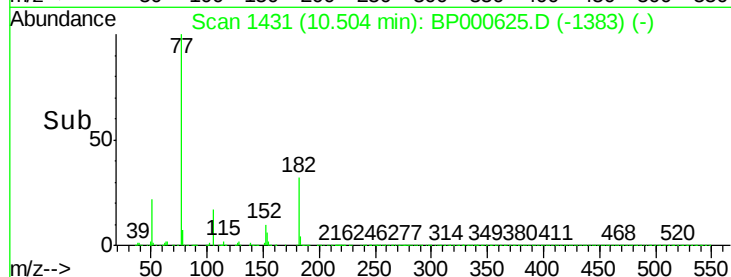
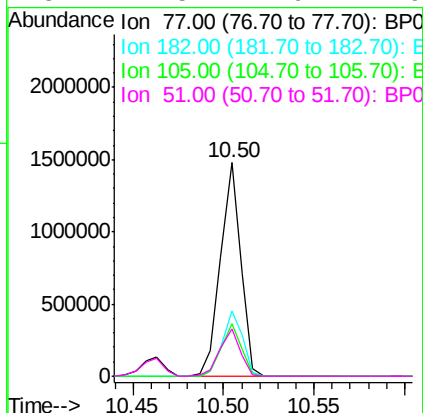
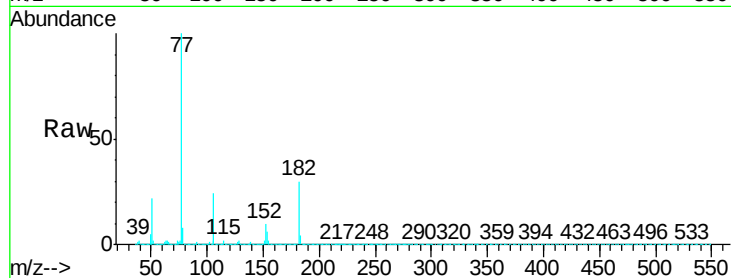




#63
Azobenzene
Concen: 44.549 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

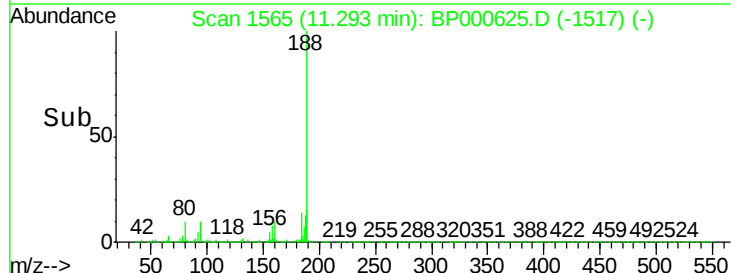
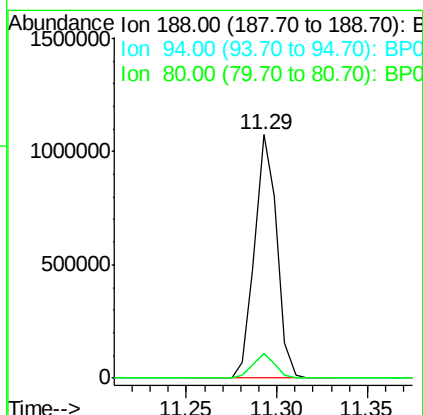
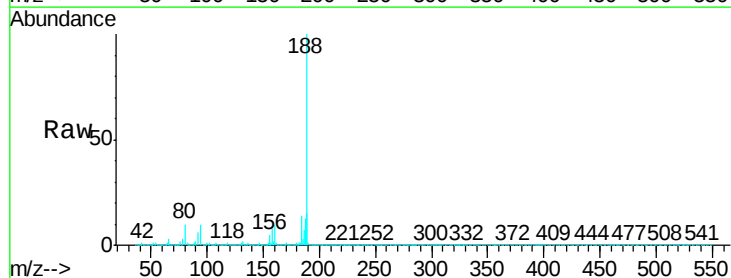
Instrument :
BNA_P
ClientSampleId :
TP-4MS

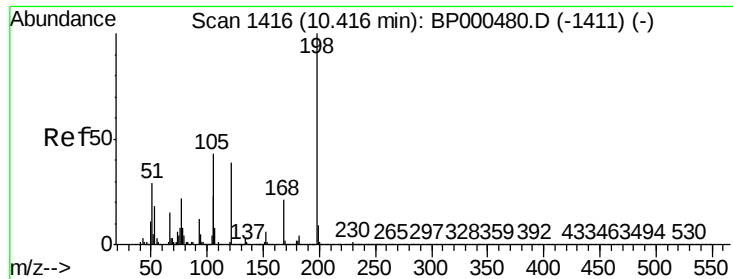
Tgt Ion: 77 Resp: 1150892
Ion Ratio Lower Upper
77 100
182 30.4 9.0 49.0
105 24.4 3.8 43.8
51 22.5 1.9 41.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion: 188 Resp: 919481
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.2
80 10.3 8.3 12.5

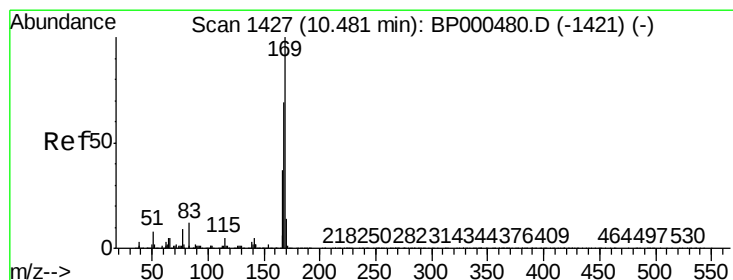
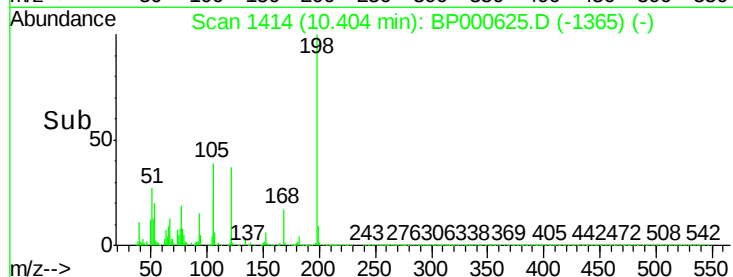
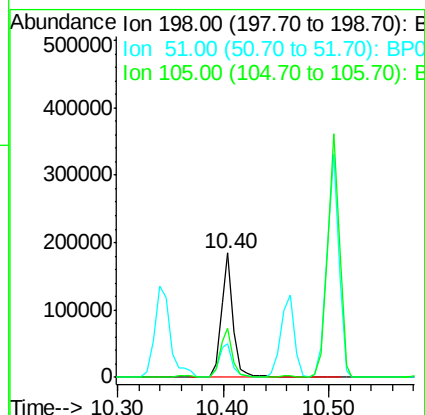
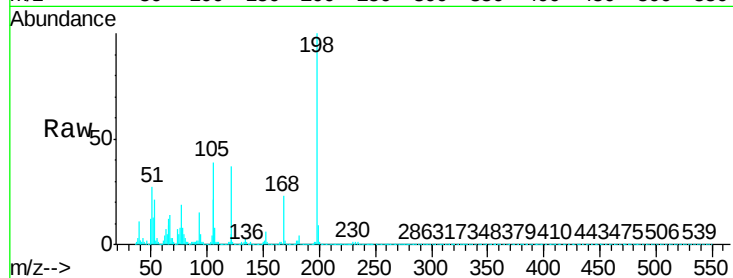




#65
4,6-Dinitro-2-methylphenol
Concen: 35.969 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

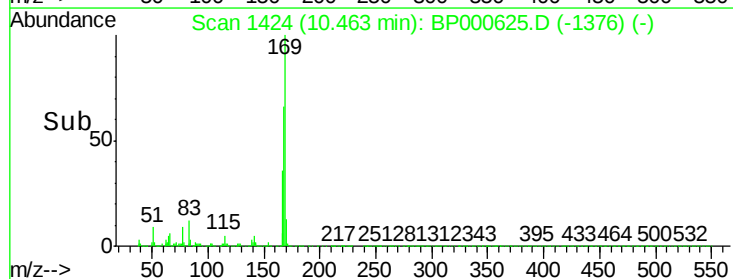
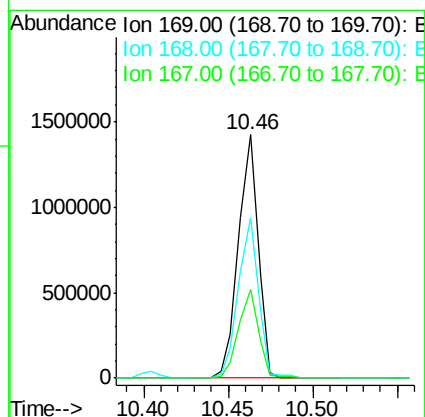
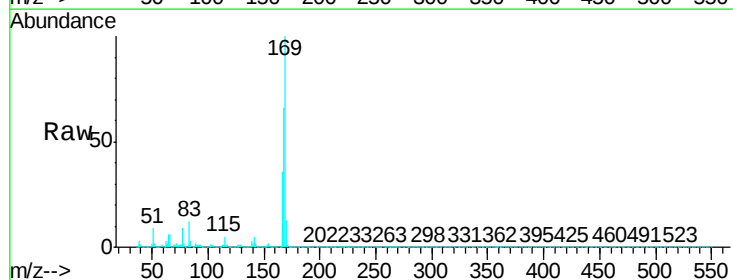
Instrument :
BNA_P
ClientSampled :
TP-4MS

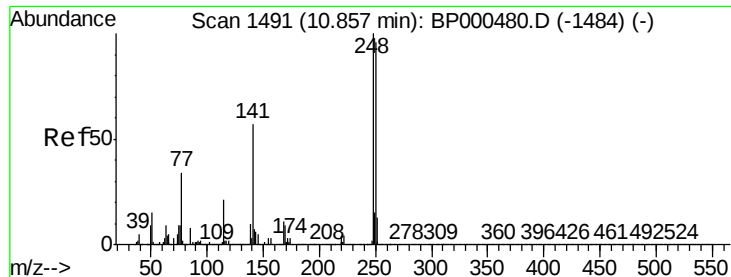
Tgt Ion:198 Resp: 146608
Ion Ratio Lower Upper
198 100
51 27.2 12.8 52.8
105 39.3 24.0 64.0



#66
n-Nitrosodiphenylamine
Concen: 43.331 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:169 Resp: 1160403
Ion Ratio Lower Upper
169 100
168 66.0 55.4 83.2
167 36.5 29.4 44.2

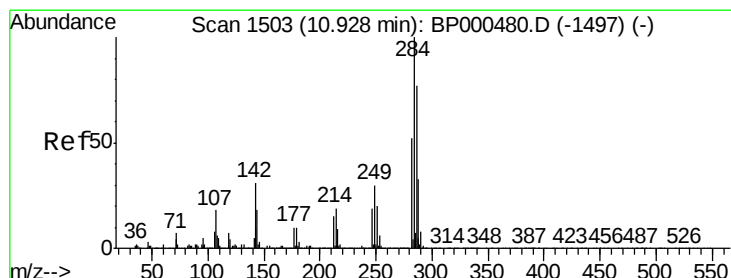
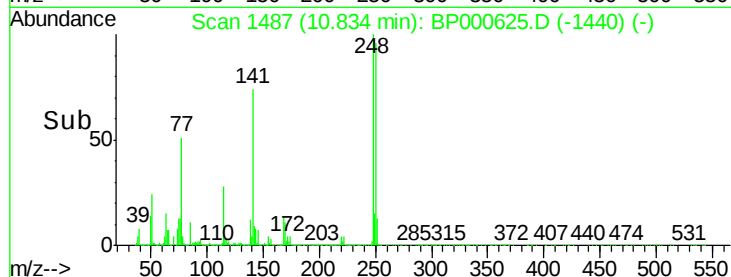
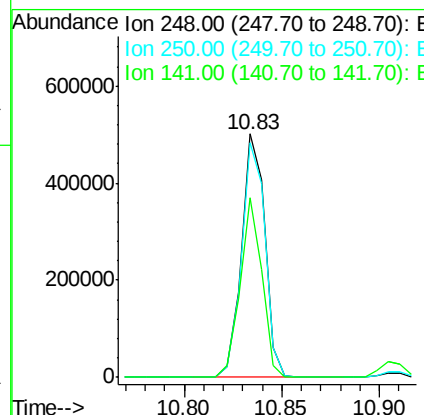
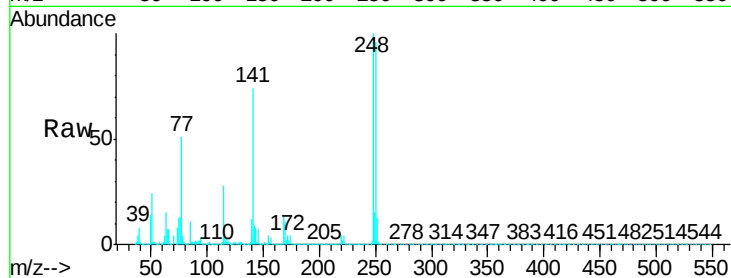




#67
4-Bromophenyl-phenylether
Concen: 39.994 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

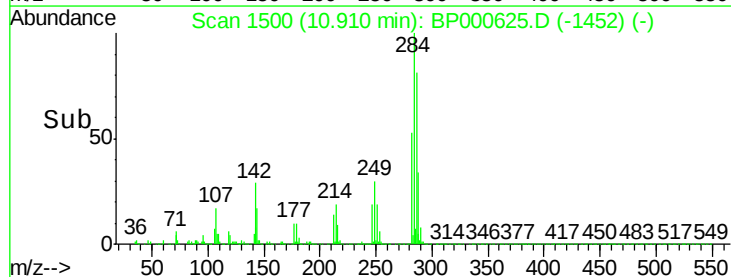
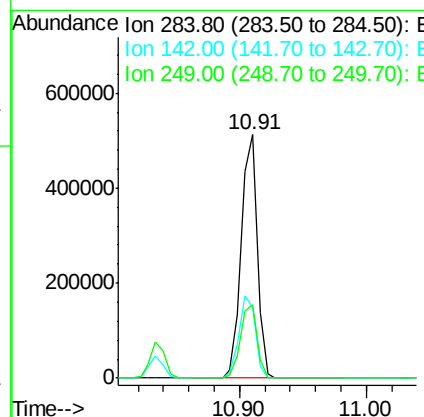
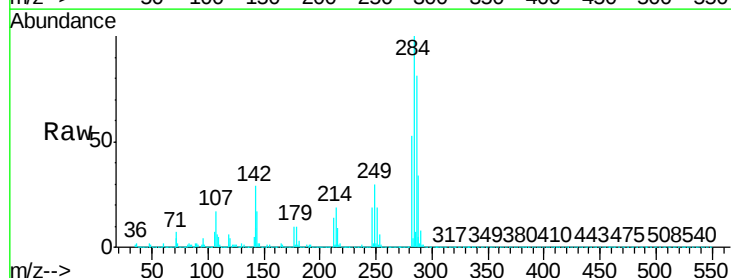
Instrument :
BNA_P
ClientSampleId :
TP-4MS

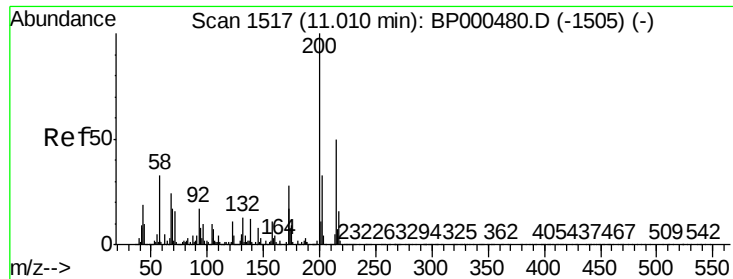
Tgt Ion:248 Resp: 413954
Ion Ratio Lower Upper
248 100
250 96.5 77.2 115.8
141 74.0 45.3 67.9#



#68
Hexachlorobenzene
Concen: 37.473 ng
RT: 10.91 min Scan# 1500
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:284 Resp: 440751
Ion Ratio Lower Upper
284 100
142 28.9 24.6 37.0
249 30.0 24.1 36.1





#69

Atrazine

Concen: 41.078 ng

RT: 10.99 min Scan# 1514

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

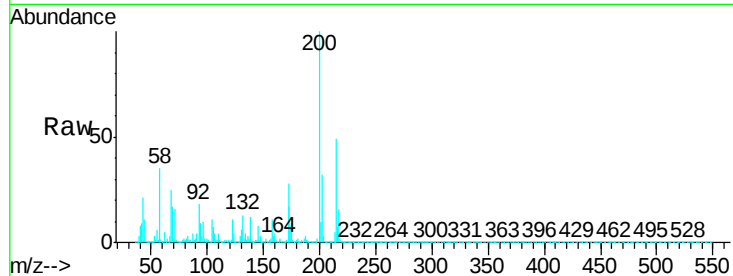
Tgt Ion:200 Resp: 361003

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

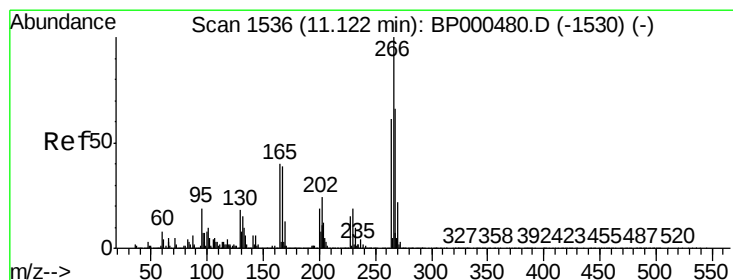
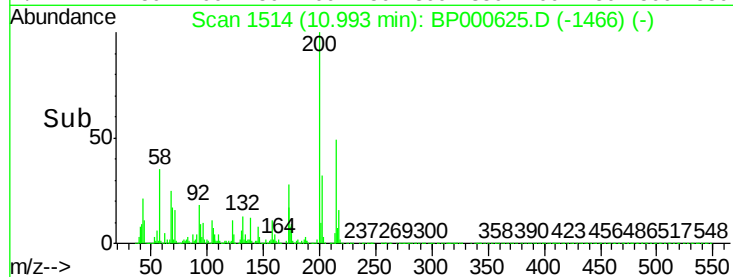
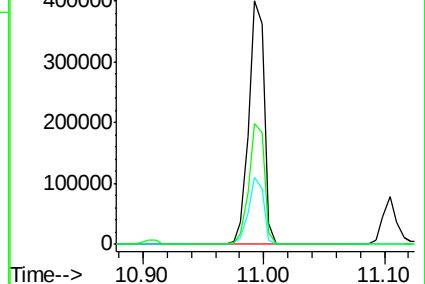
215 49.5 29.5 69.5



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: 85.757 ng

RT: 11.10 min Scan# 1533

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

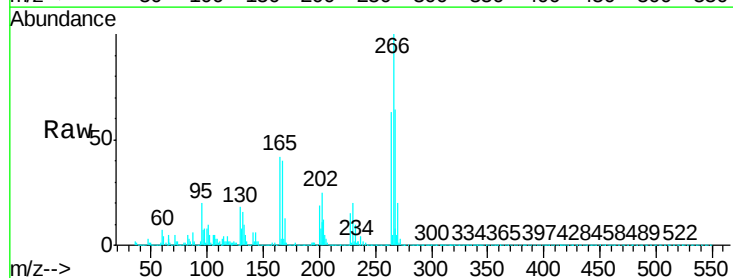
Tgt Ion:266 Resp: 405123

Ion Ratio Lower Upper

266 100

268 63.6 53.2 79.8

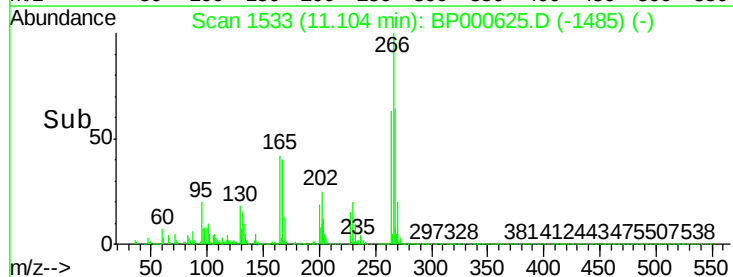
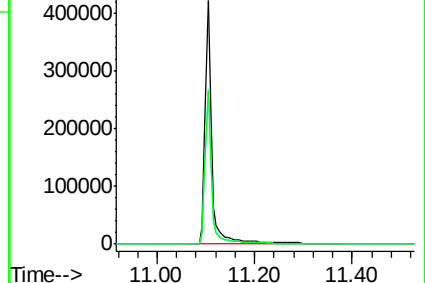
264 62.8 49.0 73.4

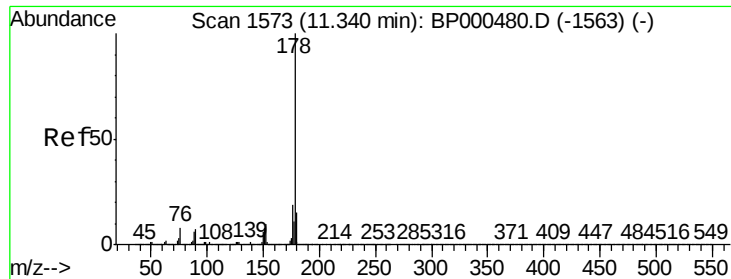


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

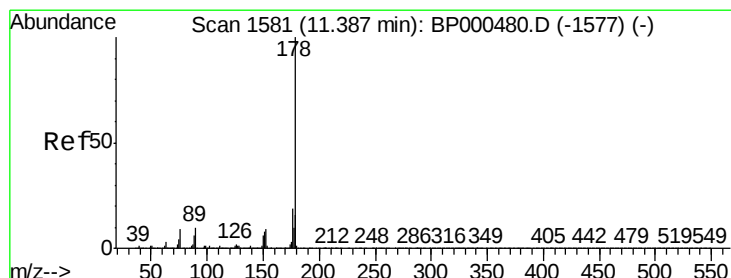
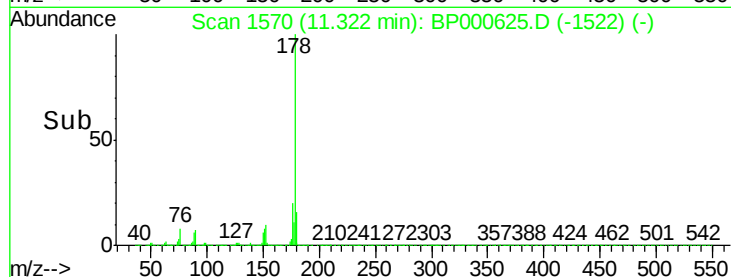
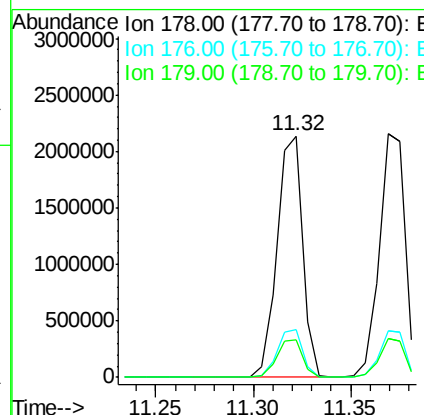
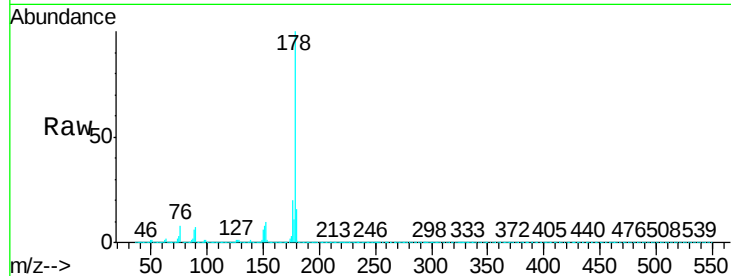




#71
Phenanthrene
Concen: 41.914 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

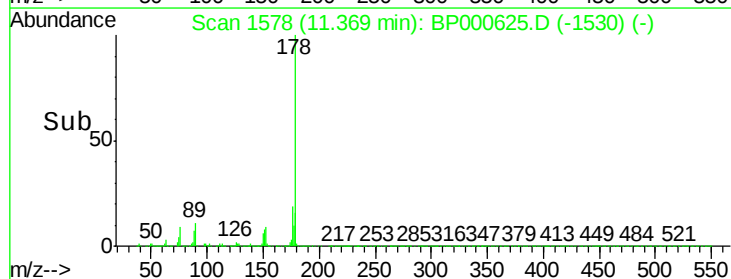
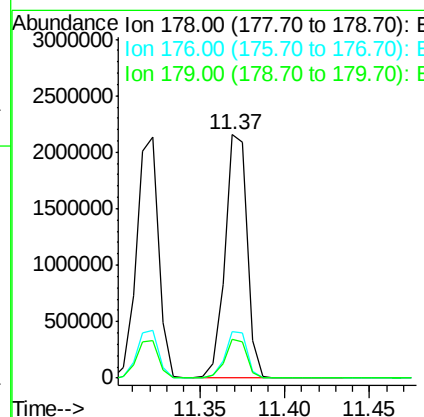
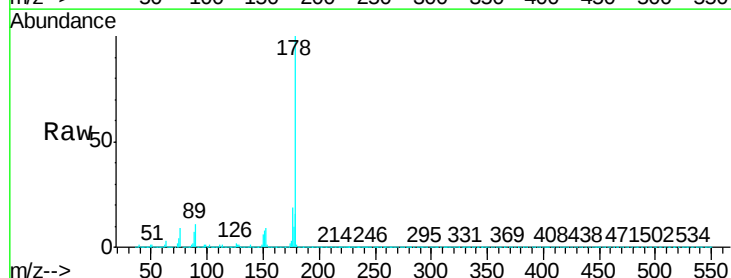
Instrument :
BNA_P
ClientSampleId :
TP-4MS

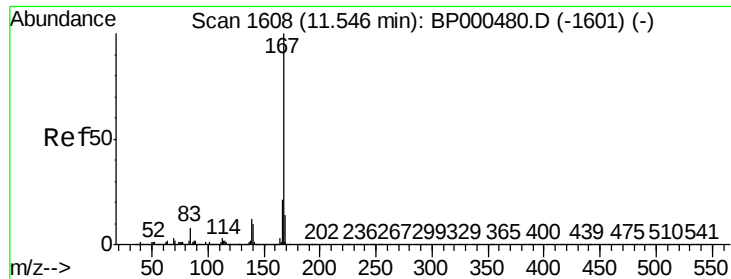
Tgt Ion:178 Resp: 1935533
Ion Ratio Lower Upper
178 100
176 19.8 15.4 23.2
179 15.6 12.2 18.4



#72
Anthracene
Concen: 42.902 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:178 Resp: 1964369
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 16.0 12.6 19.0

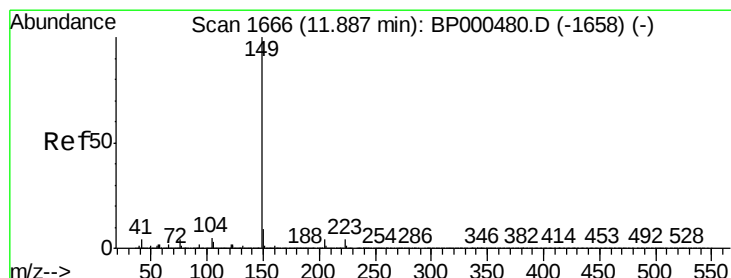
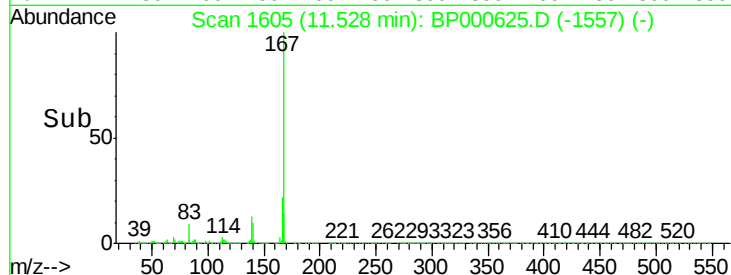
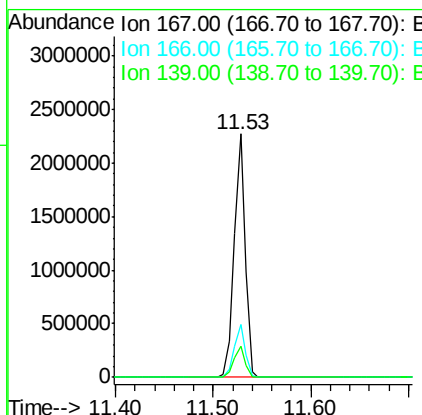
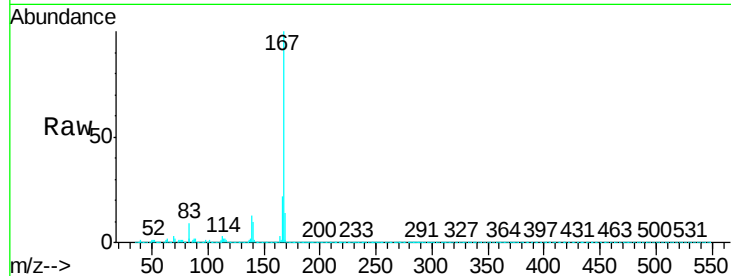




#73
 Carbazole
 Concen: 41.990 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

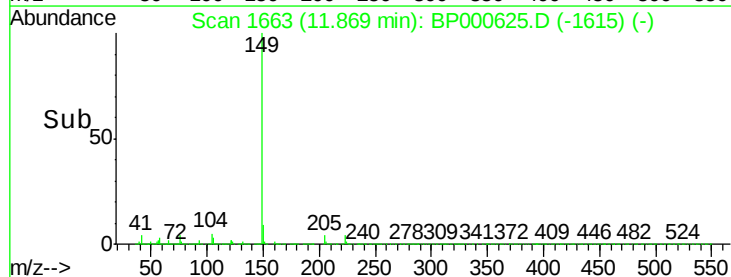
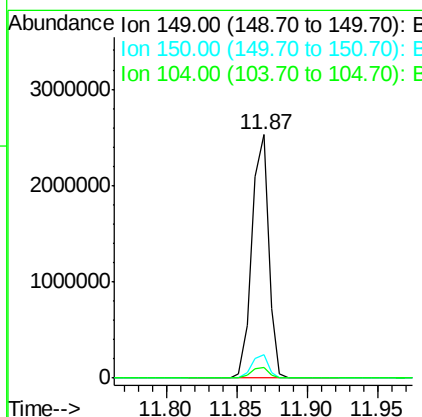
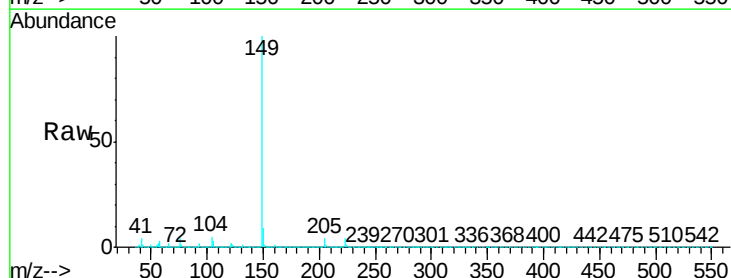
Instrument :
 BNA_P
 ClientSampleId :
 TP-4MS

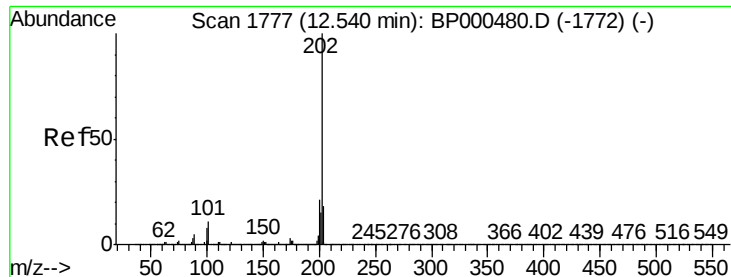
Tgt Ion:167 Resp: 1782222
 Ion Ratio Lower Upper
 167 100
 166 21.7 16.9 25.3
 139 13.1 9.7 14.5



#74
 Di-n-butylphthalate
 Concen: 40.921 ng
 RT: 11.87 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BP000625.D
 Acq: 10 Oct 2019 18:52

Tgt Ion:149 Resp: 2115824
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 41.279 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

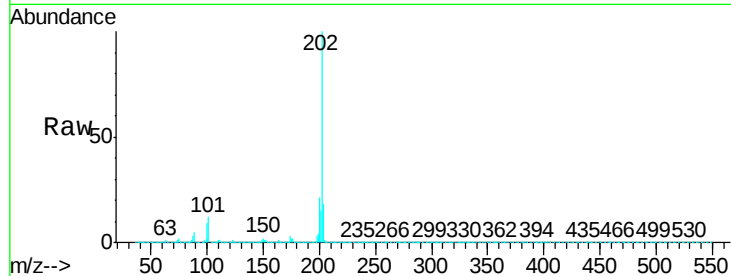
Tgt Ion:202 Resp: 2140878

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.3

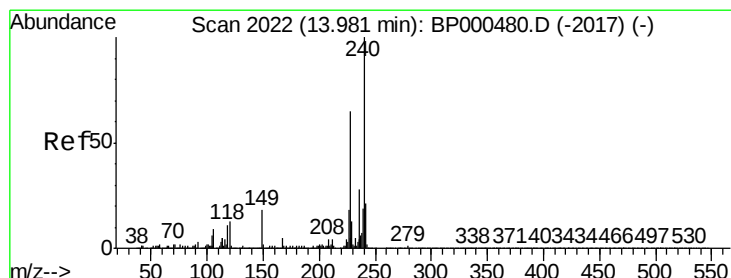
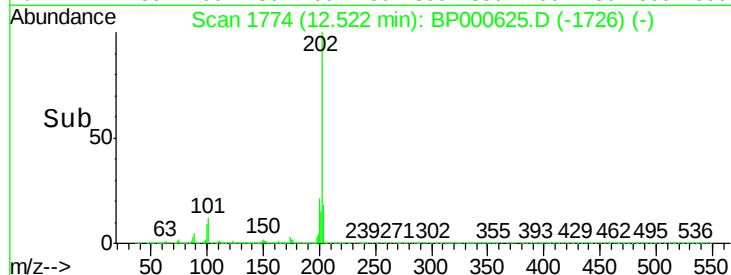
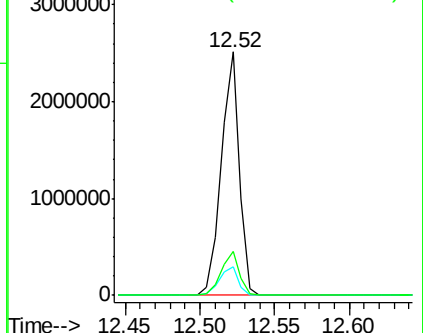
203 18.0 0.0 38.1



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: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

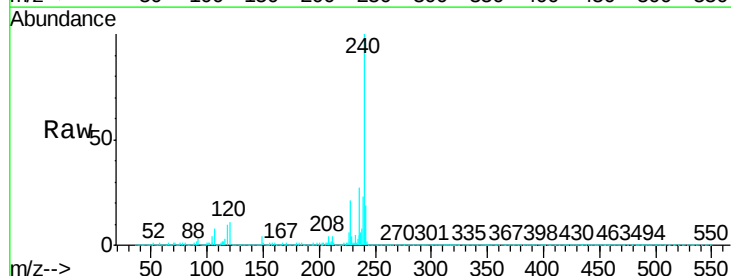
Tgt Ion:240 Resp: 728180

Ion Ratio Lower Upper

240 100

120 11.2 10.1 15.1

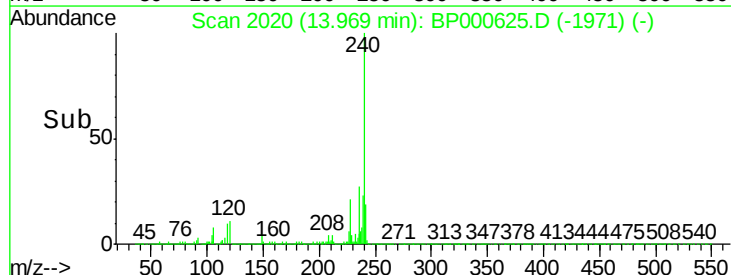
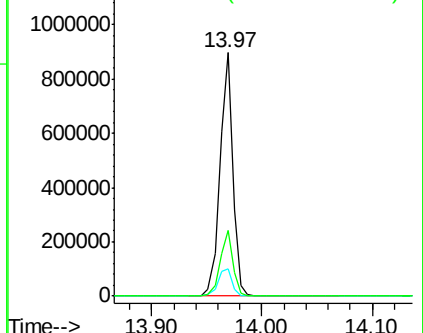
236 26.9 22.7 34.1

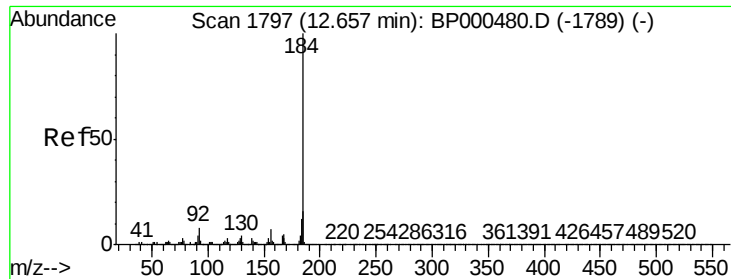


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.098 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

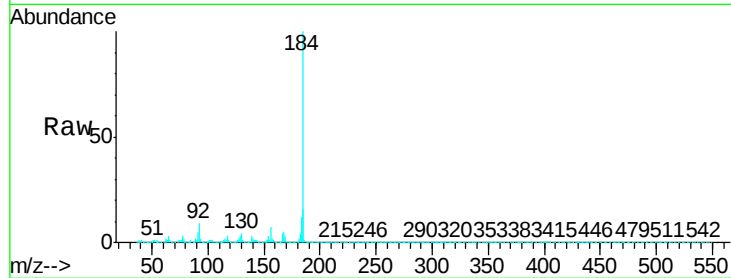
Tgt Ion:184 Resp: 993125

Ion Ratio Lower Upper

184 100

185 15.5 12.7 19.1

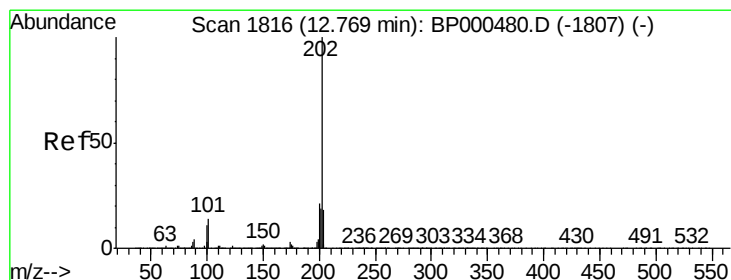
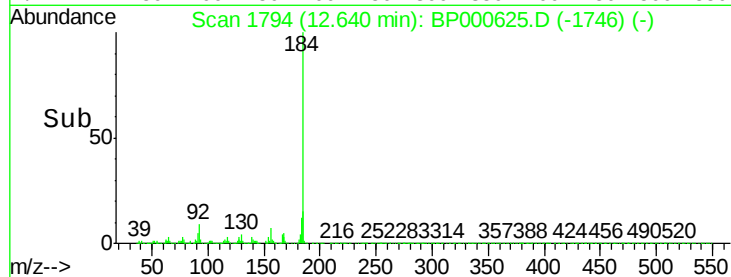
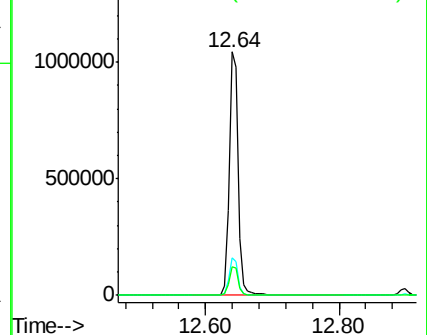
183 11.9 9.7 14.5



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: 43.073 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

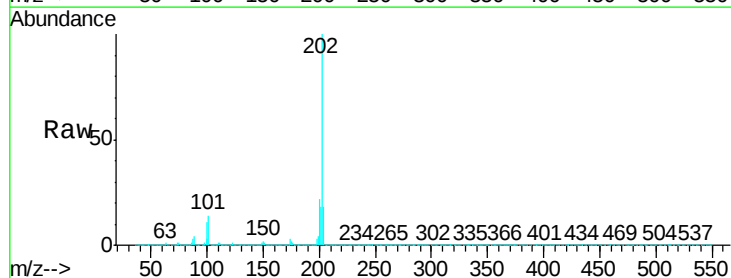
Tgt Ion:202 Resp: 2163240

Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

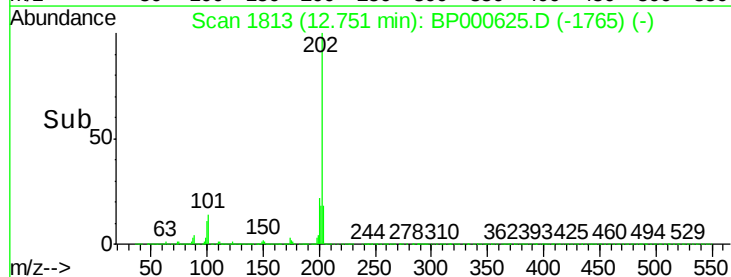
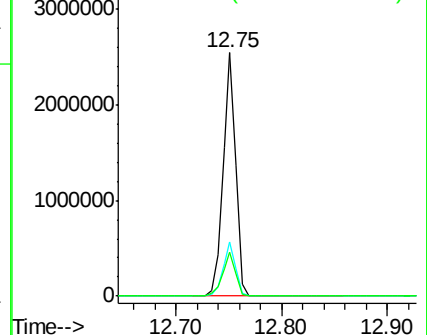
203 18.1 14.6 21.8

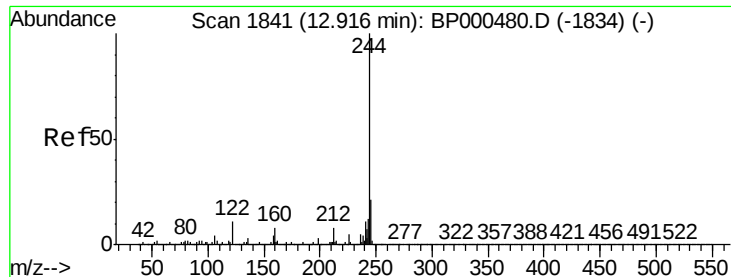


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.698 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

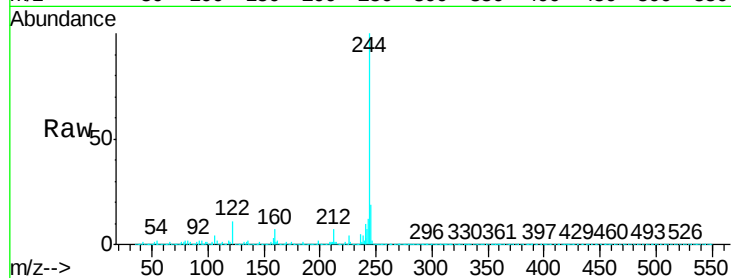
Tgt Ion:244 Resp: 2039091

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

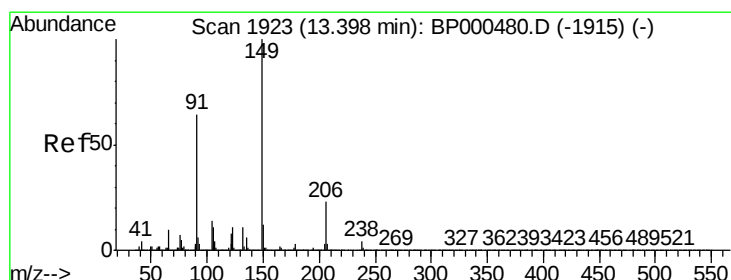
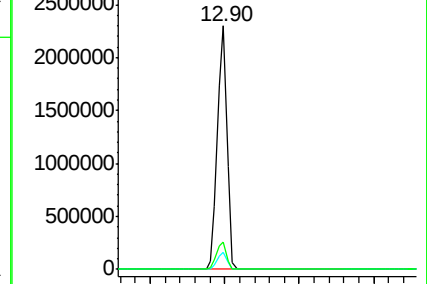
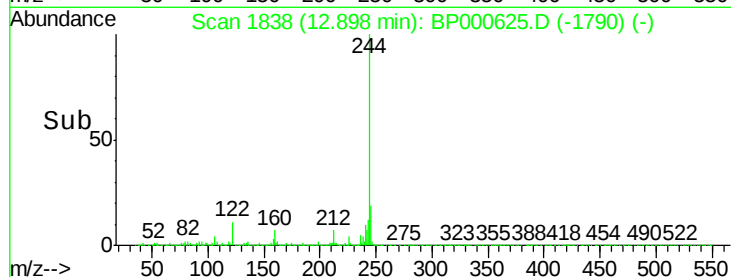
122 11.2 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.994 ng

RT: 13.38 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

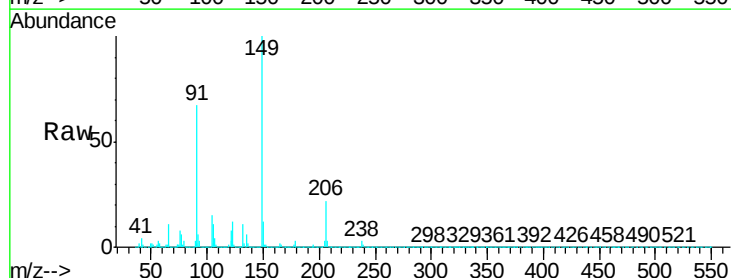
Tgt Ion:149 Resp: 919026

Ion Ratio Lower Upper

149 100

91 66.8 51.0 76.4

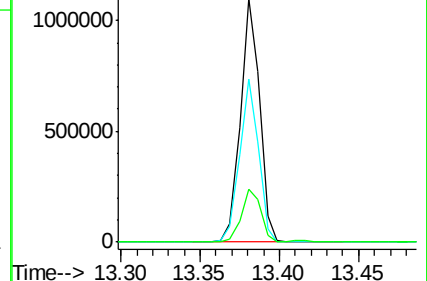
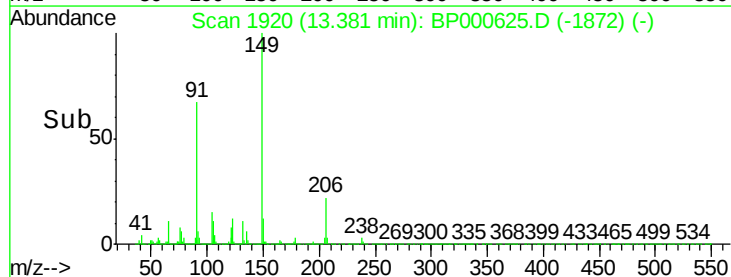
206 22.0 18.2 27.4

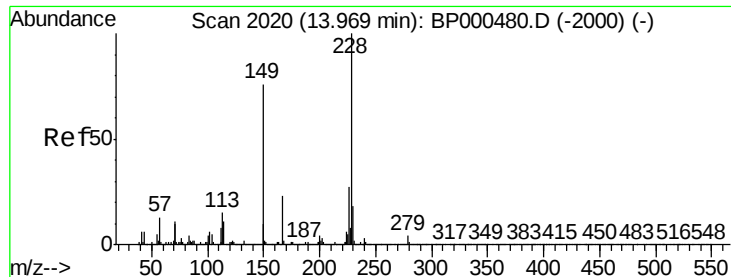


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.421 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampled :

TP-4MS

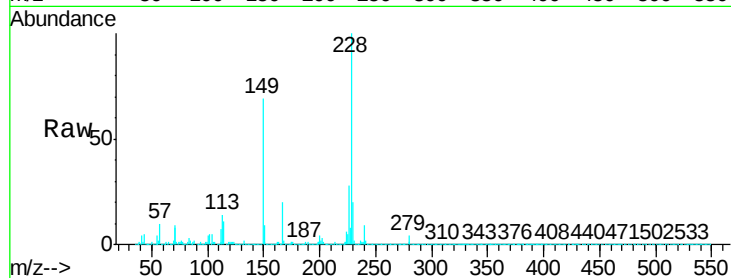
Tgt Ion:228 Resp: 1840303

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

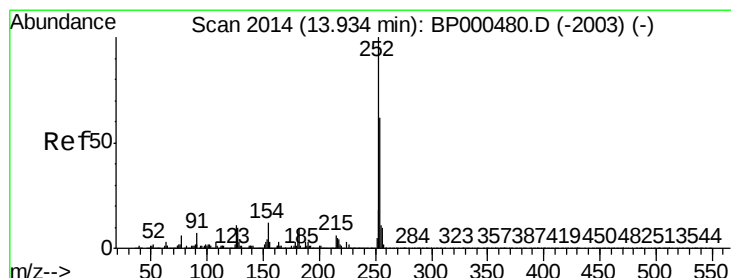
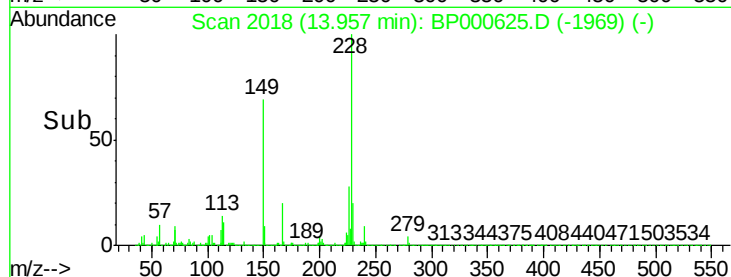
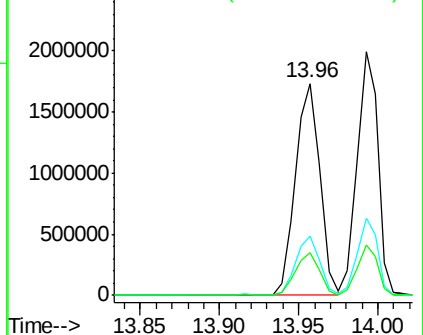
229 20.0 14.7 22.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.340 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

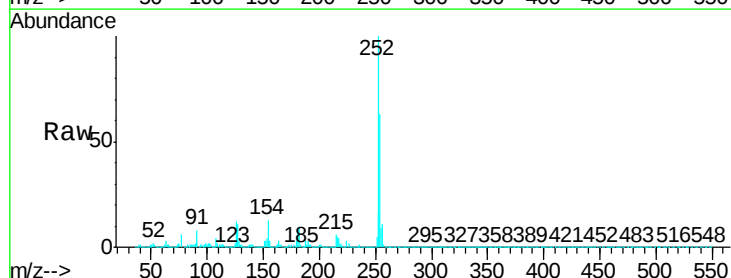
Tgt Ion:252 Resp: 606016

Ion Ratio Lower Upper

252 100

254 63.3 49.8 74.8

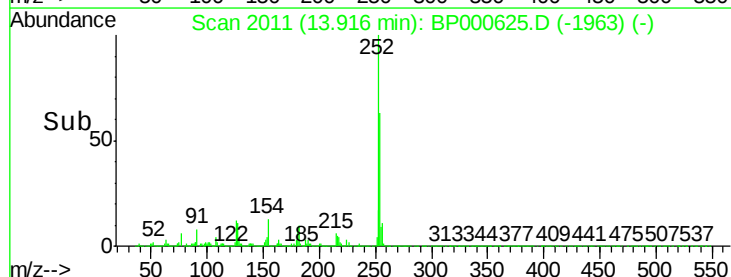
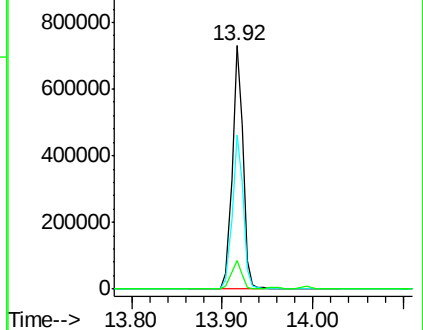
126 11.6 8.9 13.3

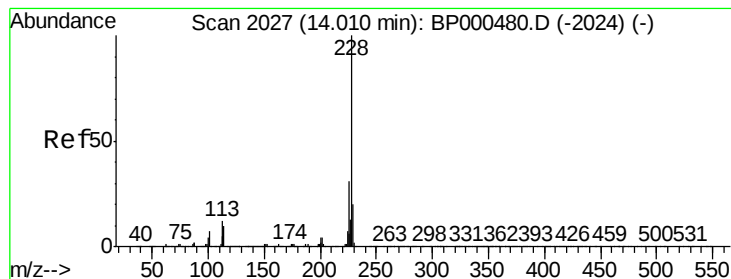


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.719 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

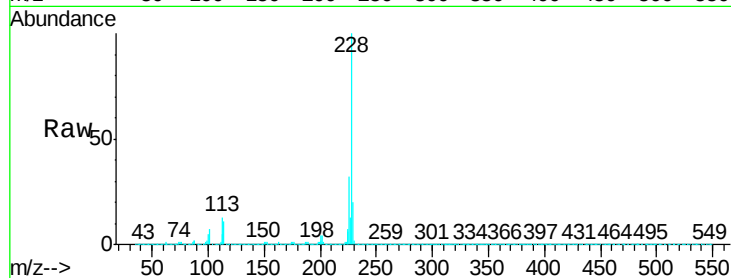
Tgt Ion:228 Resp: 1819252

Ion Ratio Lower Upper

228 100

226 31.6 24.7 37.1

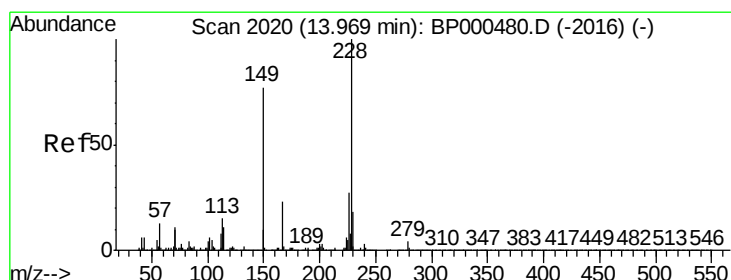
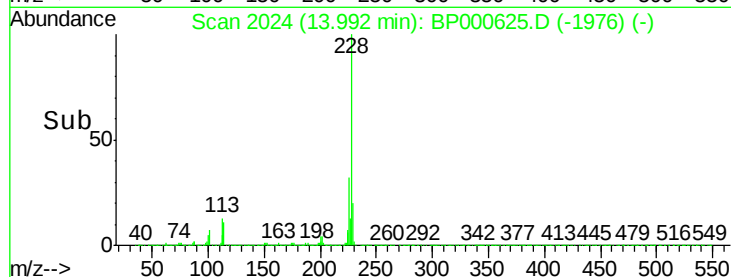
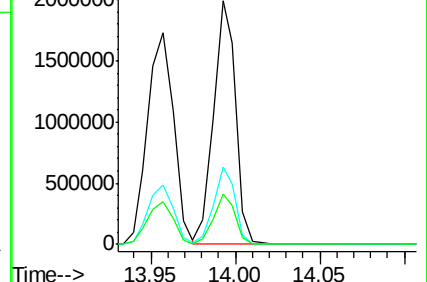
229 20.4 16.3 24.5



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: 42.857 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

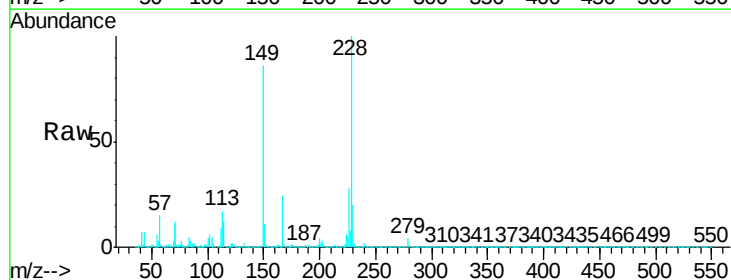
Tgt Ion:149 Resp: 1179605

Ion Ratio Lower Upper

149 100

167 28.5 23.6 35.4

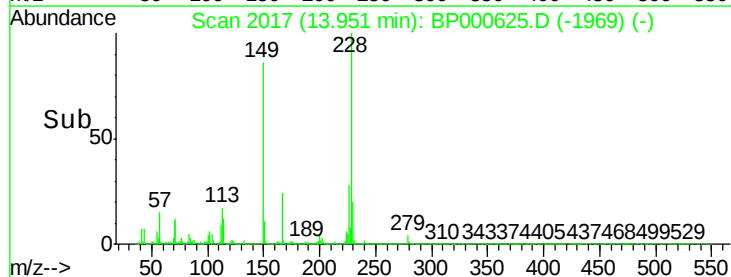
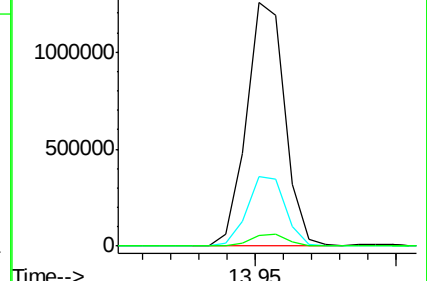
279 4.2 3.9 5.9

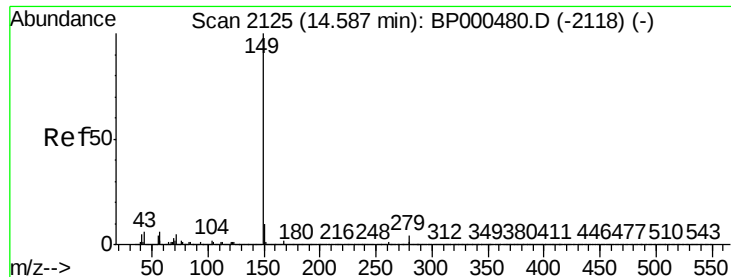


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 43.067 ng

RT: 14.57 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

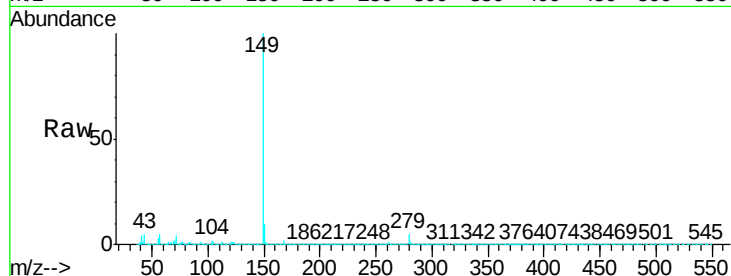
Tgt Ion:149 Resp: 2148533

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

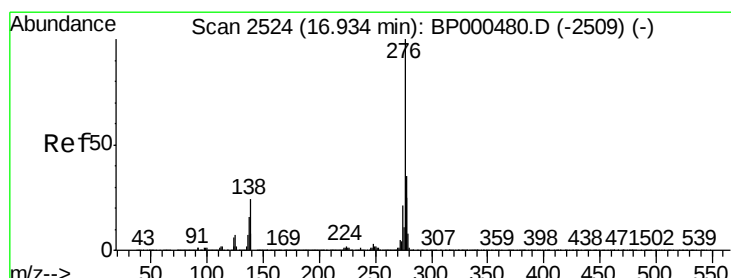
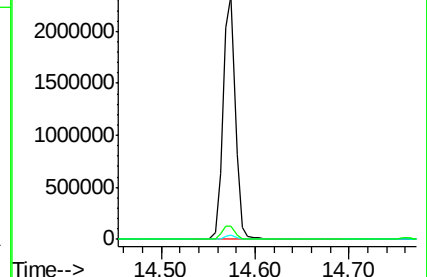
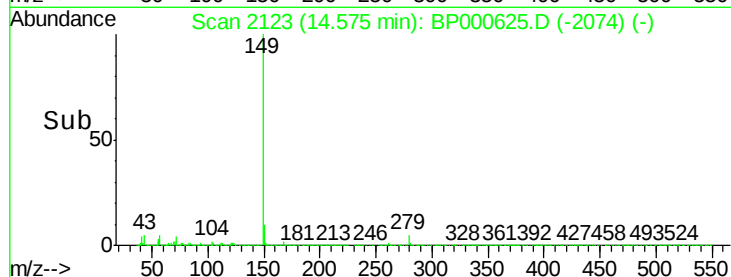
43 5.8 4.6 7.0



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: 39.338 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

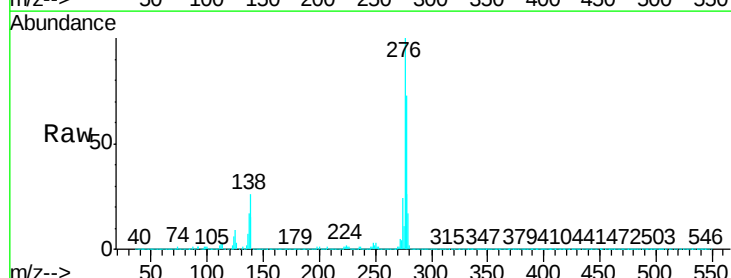
Tgt Ion:276 Resp: 2142822

Ion Ratio Lower Upper

276 100

138 26.8 20.9 31.3

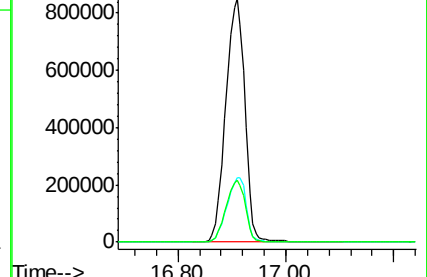
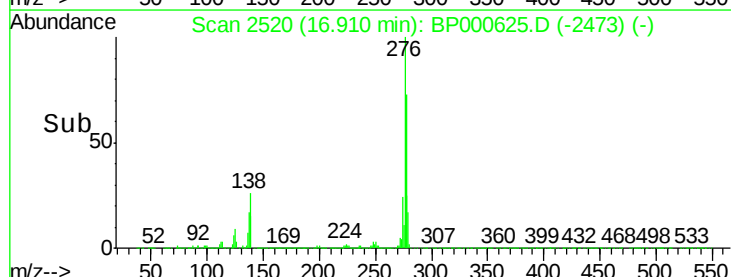
277 25.6 20.6 30.8



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: 15.44 min Scan# 2270

Delta R.T. -0.02 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

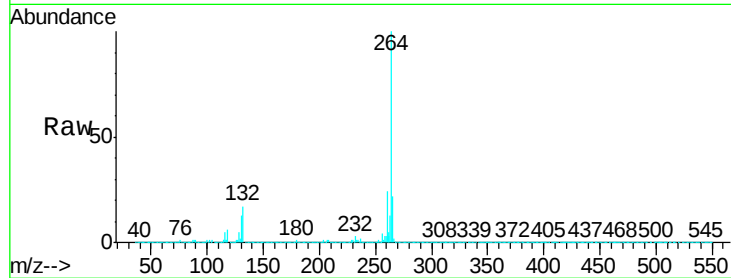
Tgt Ion:264 Resp: 820969

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

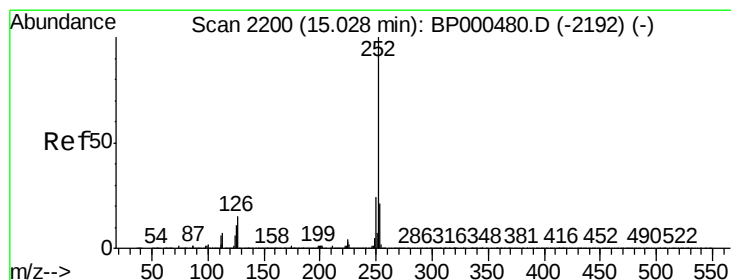
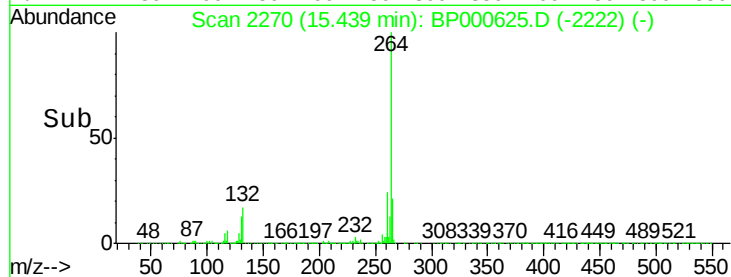
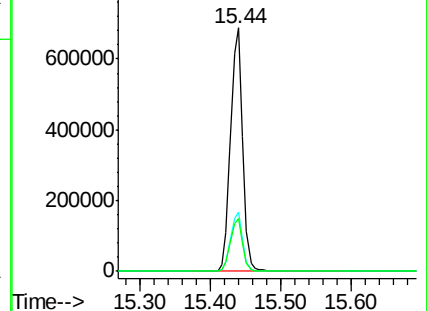
265 21.5 18.0 27.0



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: 42.108 ng

RT: 15.02 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

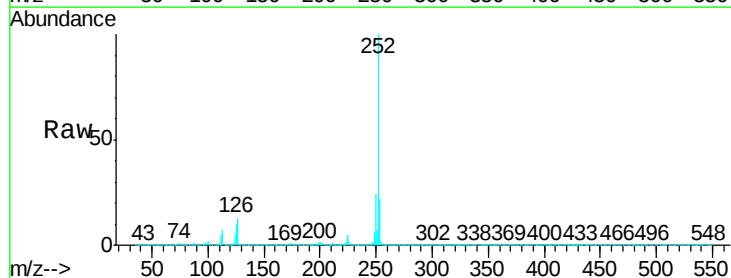
Tgt Ion:252 Resp: 1961196

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

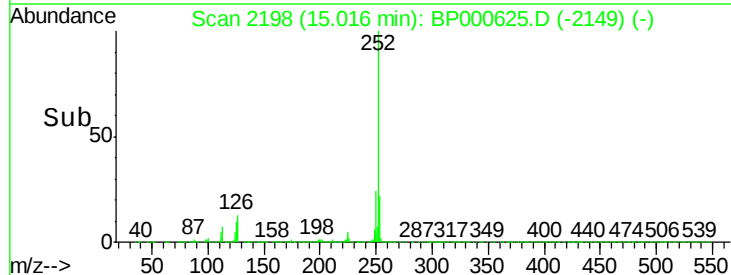
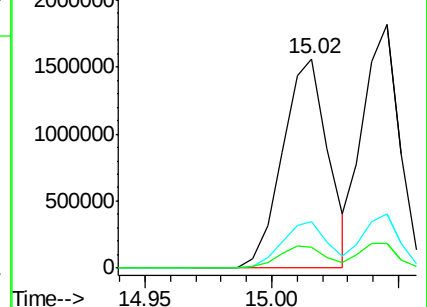
125 10.0 8.9 13.3

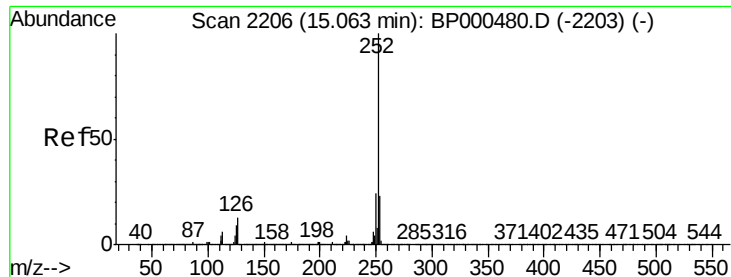


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

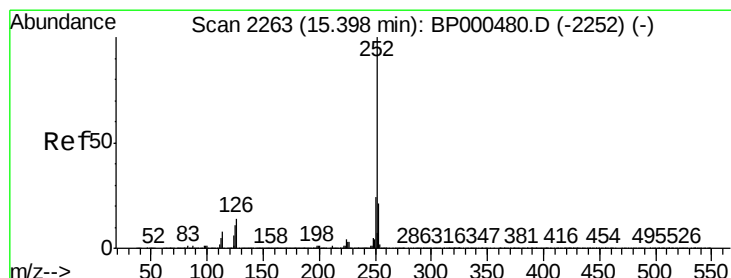
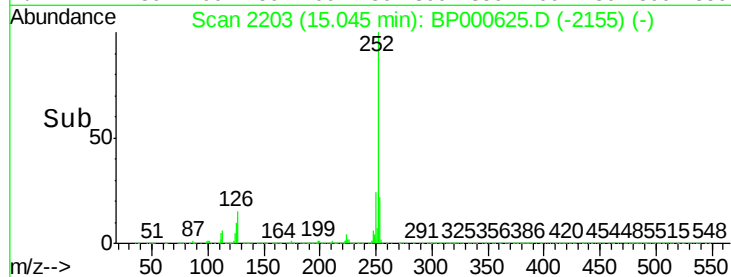
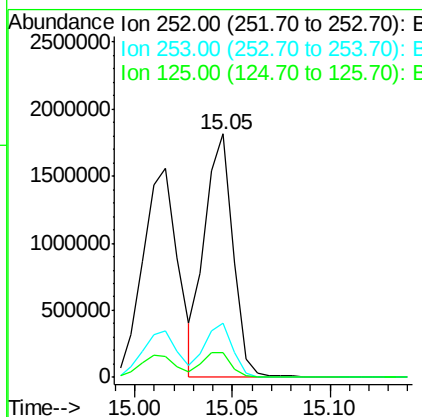
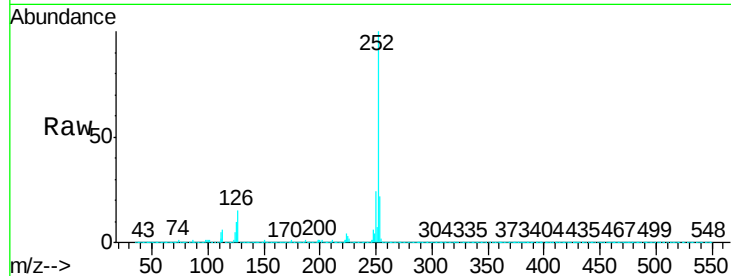




#89
Benzo(k)fluoranthene
Concen: 41.039 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

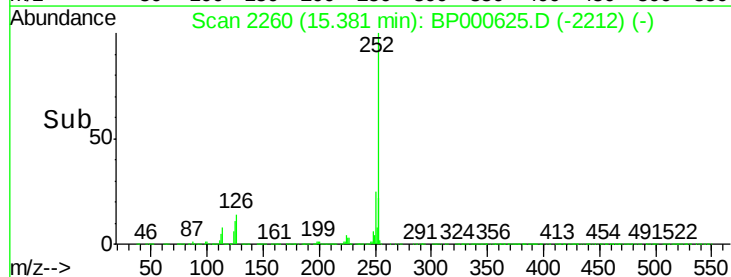
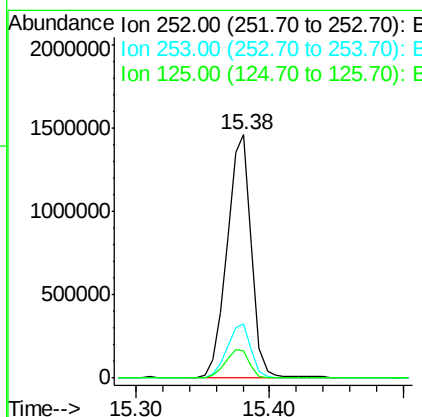
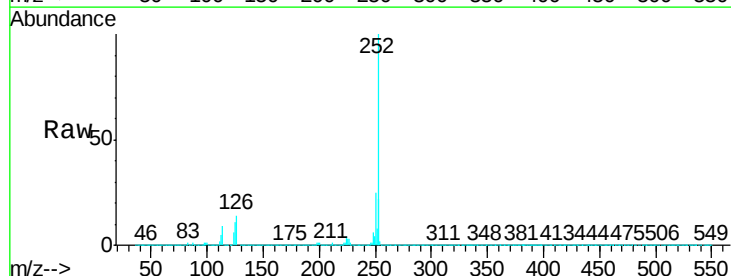
Instrument :
BNA_P
ClientSampleId :
TP-4MS

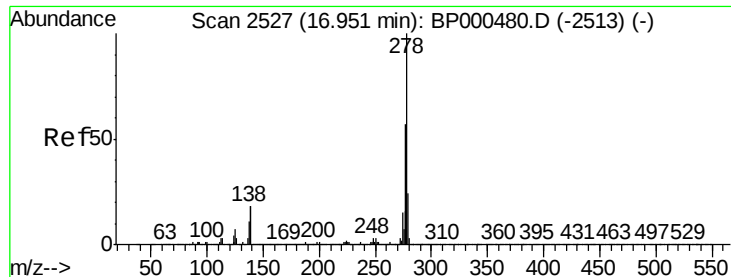
Tgt Ion:252 Resp: 1819774
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 10.4 7.8 11.8



#90
Benzo(a)pyrene
Concen: 42.937 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.02 min
Lab File: BP000625.D
Acq: 10 Oct 2019 18:52

Tgt Ion:252 Resp: 1864215
Ion Ratio Lower Upper
252 100
253 22.2 17.0 25.6
125 11.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 41.749 ng

RT: 16.92 min Scan# 2522

Delta R.T. -0.03 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

Instrument :

BNA_P

ClientSampleId :

TP-4MS

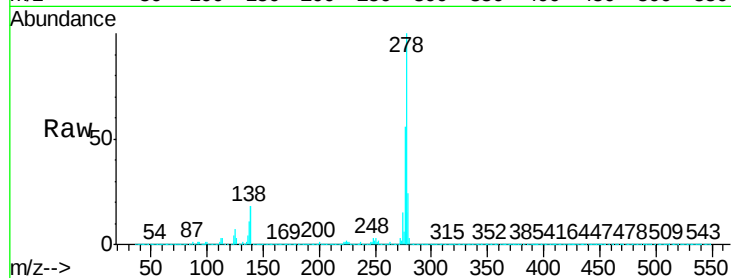
Tgt Ion:278 Resp: 1758041

Ion Ratio Lower Upper

278 100

139 17.8 14.1 21.1

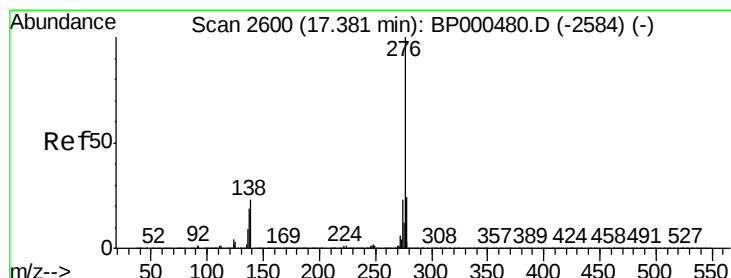
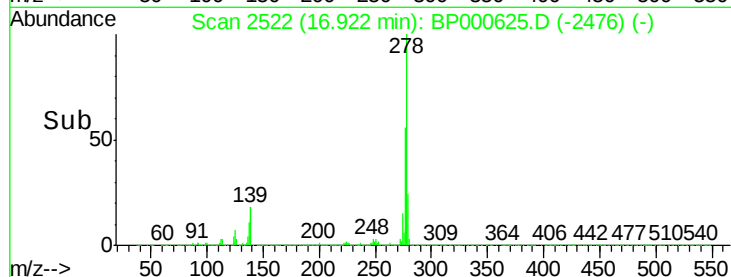
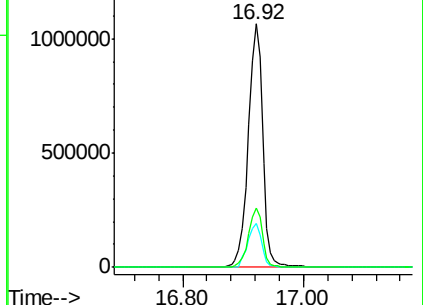
279 24.2 19.5 29.3



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: 42.058 ng

RT: 17.35 min Scan# 2595

Delta R.T. -0.03 min

Lab File: BP000625.D

Acq: 10 Oct 2019 18:52

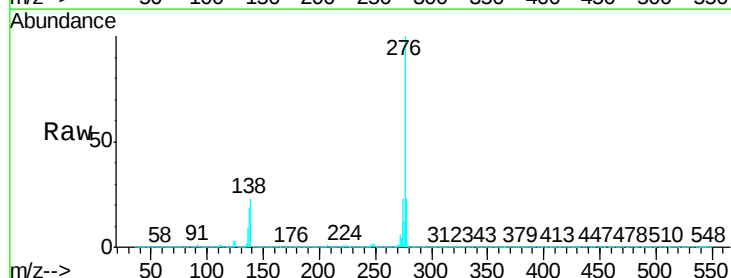
Tgt Ion:276 Resp: 1799627

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.2

138 22.6 18.5 27.7



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

